

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052419\
 Data File : VN055791.D
 Acq On : 24 May 2019 13:12
 Operator : JC/SP
 Sample : K2977-04 100X
 Misc : 5.61g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-2R(17-20)

Quant Time: May 24 13:55:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	421562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	595306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	549729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	232415	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	194214	44.61	ug/l	0.00
Spiked Amount			Recovery	=	89.22%	
35) Dibromofluoromethane	7.59	113	177889	47.26	ug/l	0.00
Spiked Amount			Recovery	=	94.52%	
50) Toluene-d8	10.09	98	708832	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.40	95	245795	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.74	59	12779	15.363	ug/l #	74
13) Acrolein	3.46	56	290	0.487	ug/l	85
16) Acetone	3.82	43	1862	0.973	ug/l #	81
18) Methyl Acetate	4.34	43	2743	Below Cal	#	67
31) Cyclohexane	7.66	56	6282	0.961	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	23999	4.626	ug/l #	48
38) Carbon Tetrachloride	7.66	117	33969	6.286	ug/l #	15
39) Methylcyclohexane	9.08	83	4210	0.655	ug/l	89
55) 1,1,2-Trichloroethane	10.53	97	4917	1.248	ug/l #	20
56) Ethyl methacrylate	10.43	69	2378	0.391	ug/l #	1
59) 2-Hexanone	10.72	43	11366	3.220	ug/l #	25
67) Ethyl Benzene	11.51	91	5842	0.296	ug/l	98
68) m/p-Xylenes	11.62	106	25438	3.410	ug/l	100
71) Bromoform	12.40	173	1466	0.392	ug/l #	1
73) Isopropylbenzene	12.25	105	60948	1.077	ug/l	100
74) N-amyl acetate	12.04	43	102571	14.688	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.47	83	10140	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	114100	27.067	ug/l #	100
78) n-propylbenzene	12.59	91	188708	9.342	ug/l	99
79) 2-Chlorotoluene	12.69	91	23476	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.69	105	192395	11.874	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.40	75	114100	66.054	ug/l #	17
82) 4-Chlorotoluene	12.69	91	23476	1.977	ug/l #	39
83) tert-Butylbenzene	12.99	119	13865	Below Cal		91
84) 1,2,4-Trimethylbenzene	13.04	105	1119906	82.112	ug/l	99
85) sec-Butylbenzene	13.17	105	115551	5.273	ug/l #	68
86) p-Isopropyltoluene	13.29	119	121155	7.506	ug/l	99
89) n-Butylbenzene	13.61	91	76939	6.221	ug/l #	72
90) Hexachloroethane	13.89	117	14366	4.676	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.25	75	557	0.541	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	147	3.667	ug/l #	1
95) Naphthalene	15.13	128	11808	1.098	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052419\
Data File : VN055791.D
Acq On : 24 May 2019 13:12
Operator : JC/SP
Sample : K2977-04 100X
Misc : 5.61g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Quant Time: May 24 13:55:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

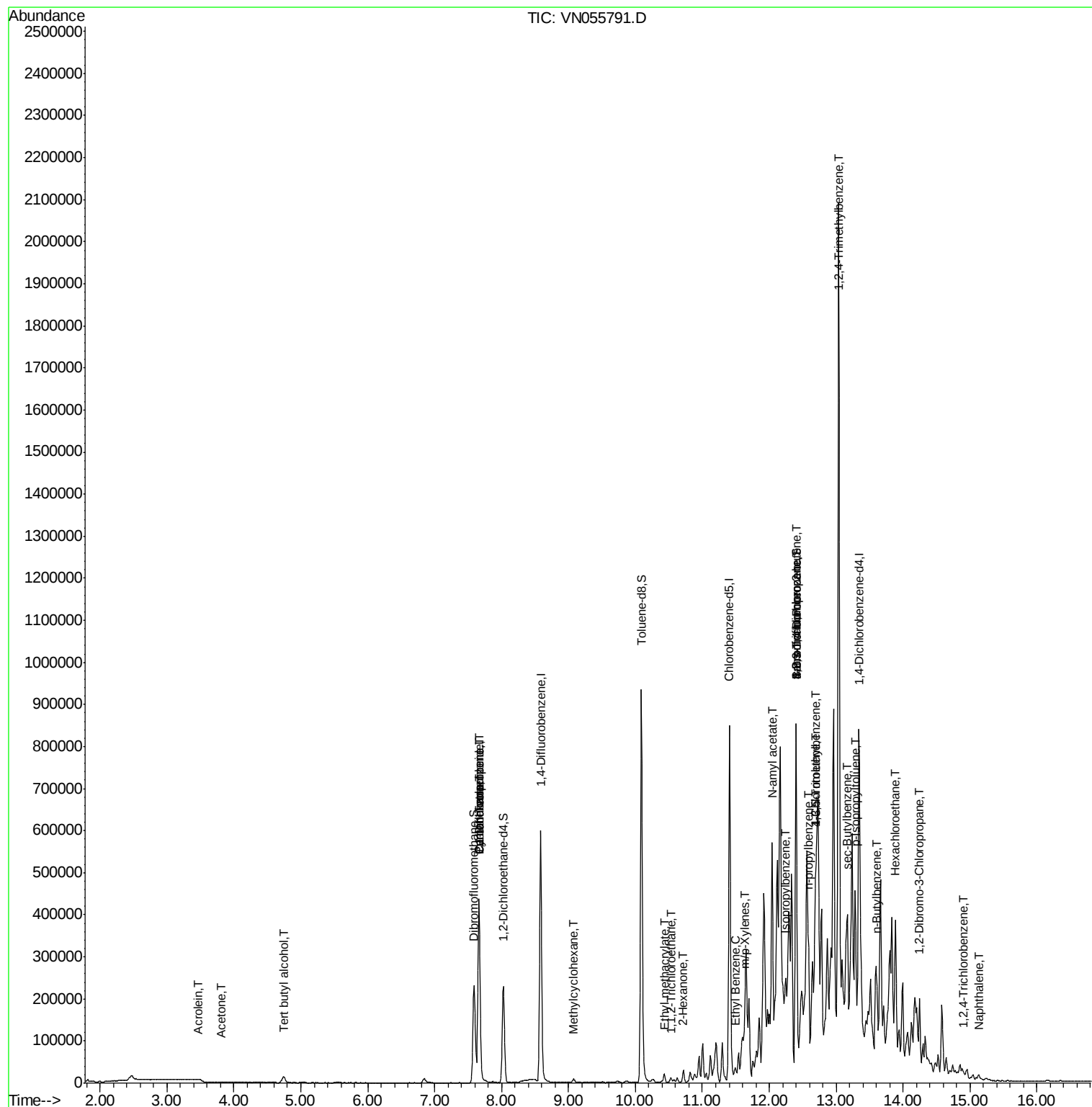
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

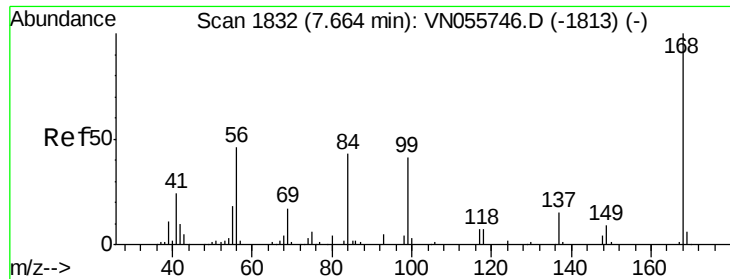
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN052419\
Data File : VN055791.D
Acq On : 24 May 2019 13:12
Operator : JC/SP
Sample : K2977-04 100X
Misc : 5.61g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Quant Time: May 24 13:55:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

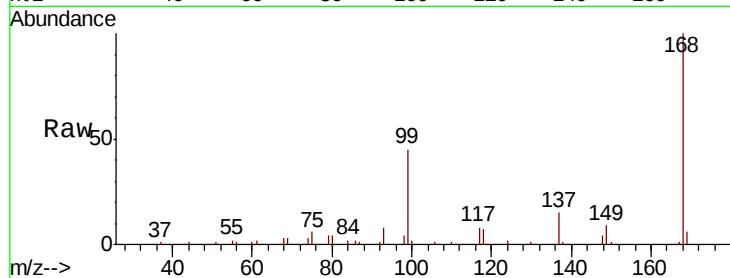
EP1-W-2R(17-20)

Tgt Ion:168 Resp: 421562

Ion Ratio Lower Upper

168 100

99 44.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055791.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055791.D (-1739) (-)

7.66

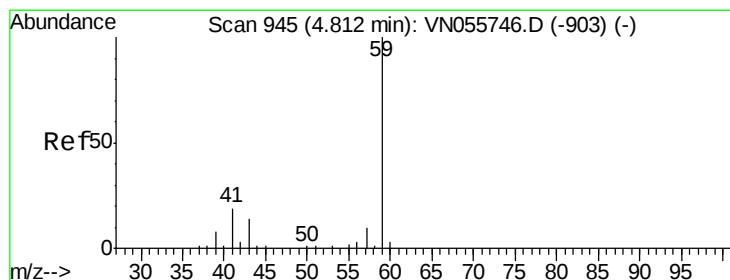
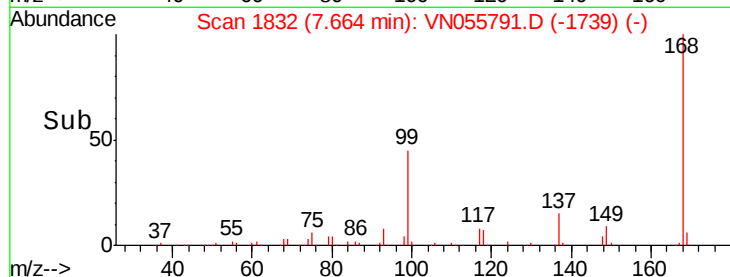
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 15.363 ug/l

RT: 4.74 min Scan# 924

Delta R.T. -0.07 min

Lab File: VN055791.D

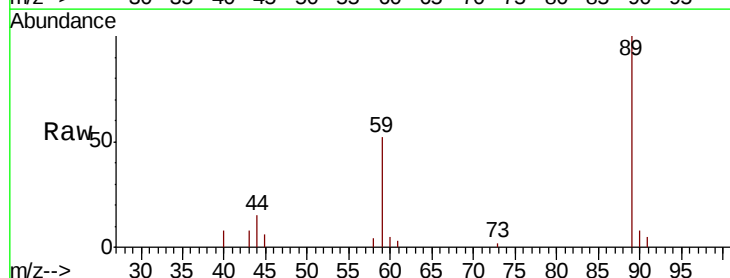
Acq: 24 May 2019 13:12

Tgt Ion: 59 Resp: 12779

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN055791.D (-852) (-)

Ion 57.00 (56.70 to 57.70): VN055791.D (-852) (-)

4.74

4000

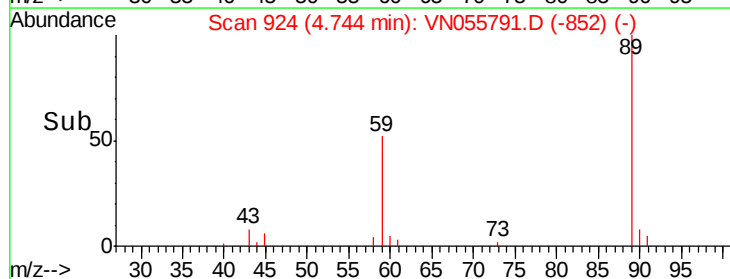
3000

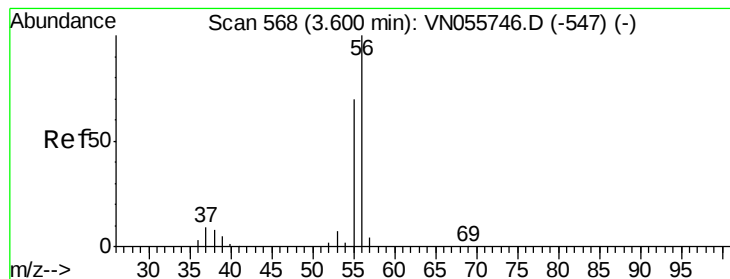
2000

1000

0

Time-->





#13

Acrolein

Concen: 0.487 ug/l

RT: 3.46 min Scan# 524

Delta R.T. -0.14 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

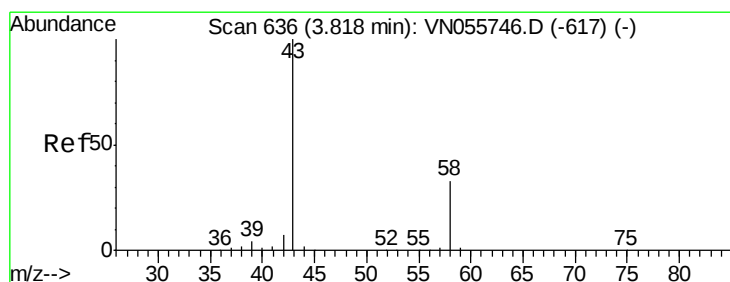
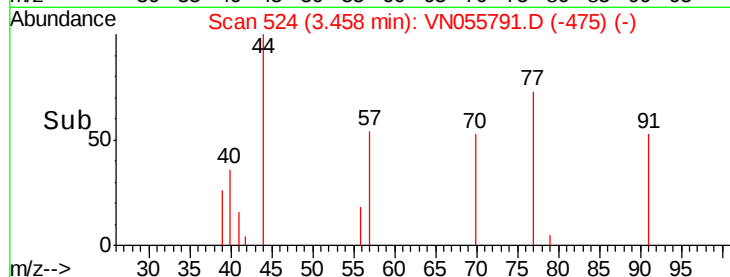
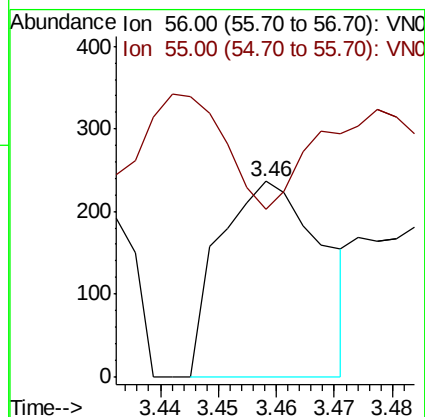
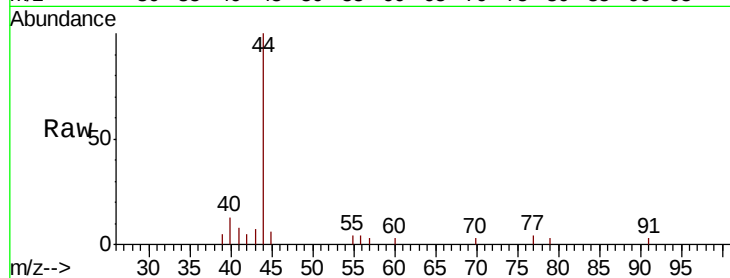
EP1-W-2R(17-20)

Tgt Ion: 56 Resp: 290

Ion Ratio Lower Upper

56 100

55 56.9 55.4 83.2



#16

Acetone

Concen: 0.973 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055791.D

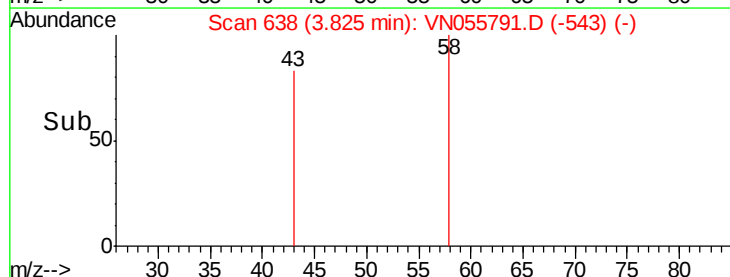
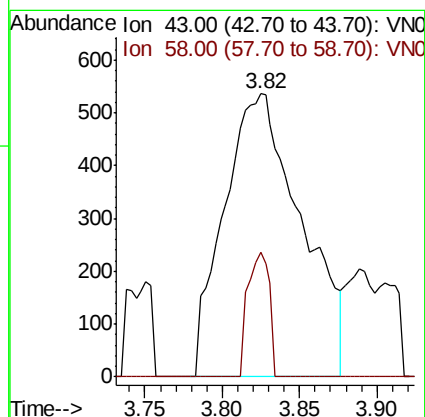
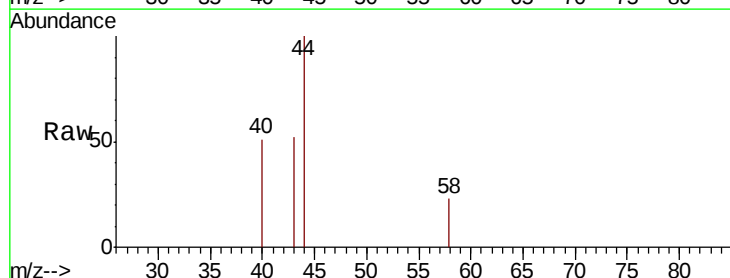
Acq: 24 May 2019 13:12

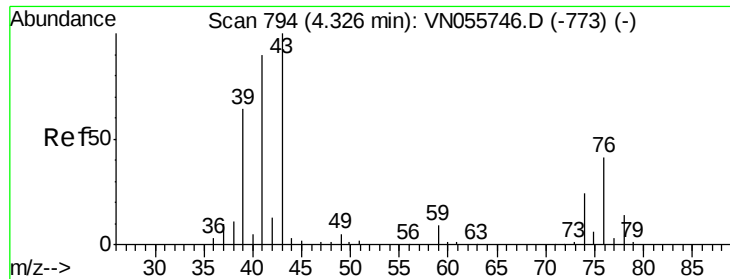
Tgt Ion: 43 Resp: 1862

Ion Ratio Lower Upper

43 100

58 43.8 26.6 39.8#

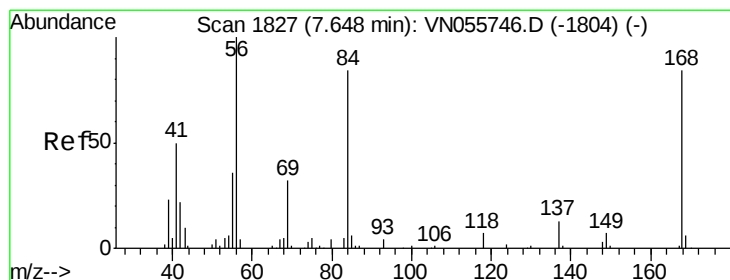
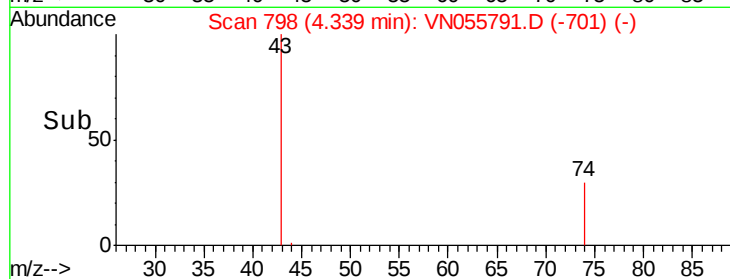
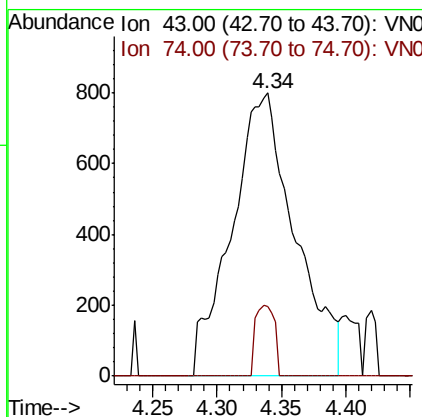
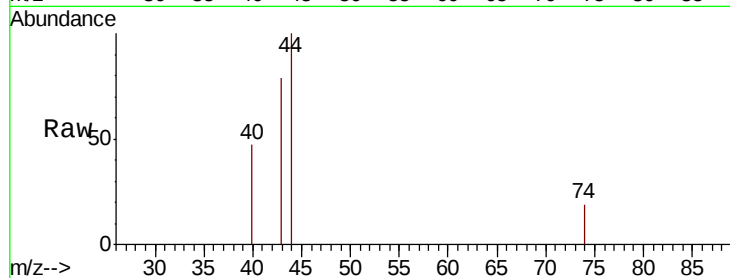




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN055791.D
Acq: 24 May 2019 13:12

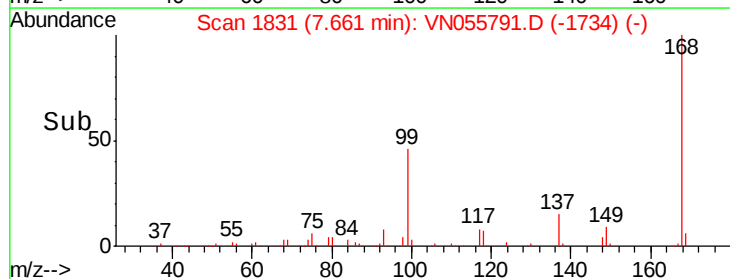
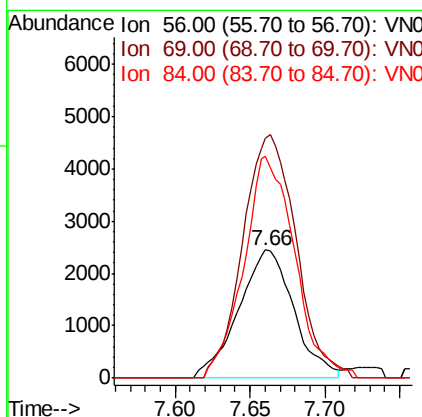
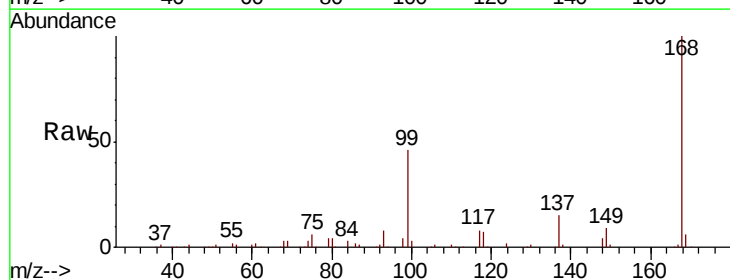
Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

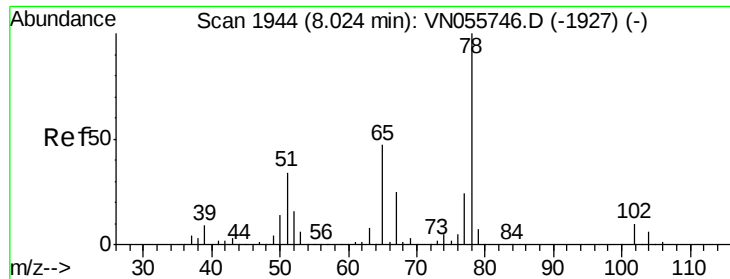
Tgt Ion: 43 Resp: 2743
Ion Ratio Lower Upper
43 100
74 7.6 19.3 28.9#



#31
Cyclohexane
Concen: 0.961 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN055791.D
Acq: 24 May 2019 13:12

Tgt Ion: 56 Resp: 6282
Ion Ratio Lower Upper
56 100
69 187.3 25.6 38.4#
84 173.1 67.4 101.0#

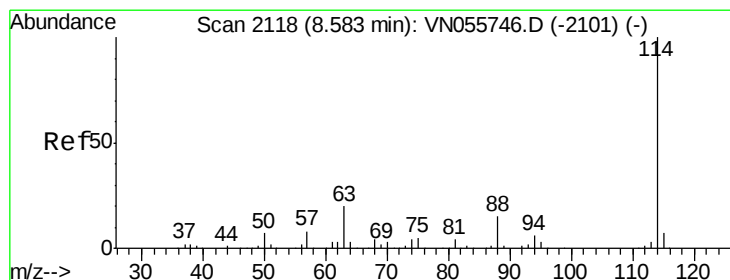
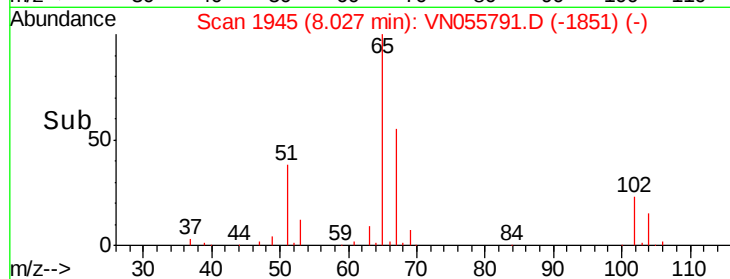
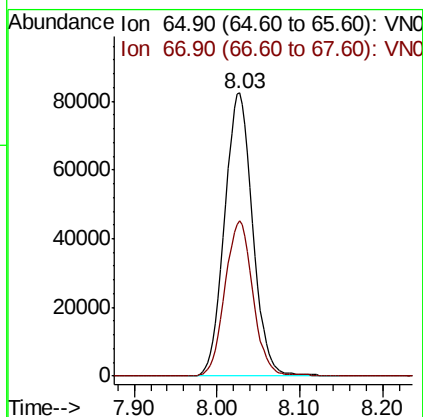
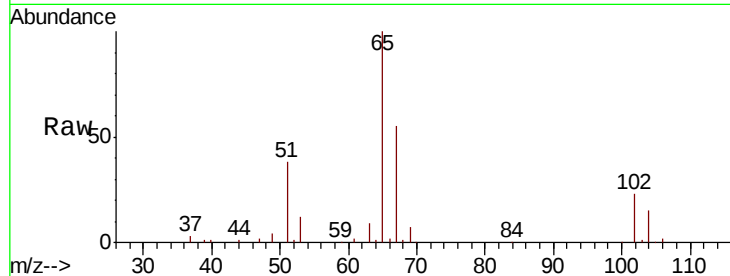




#33
 1,2-Dichloroethane-d4
 Concen: 44.610 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055791.D
 Acq: 24 May 2019 13:12

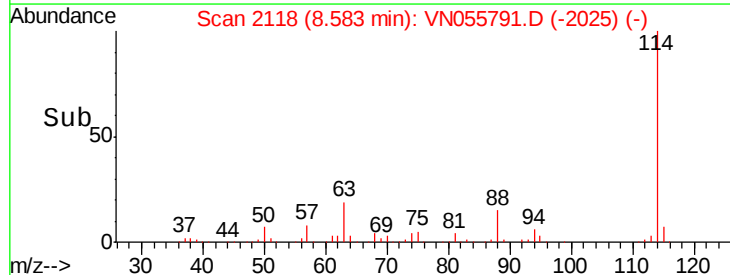
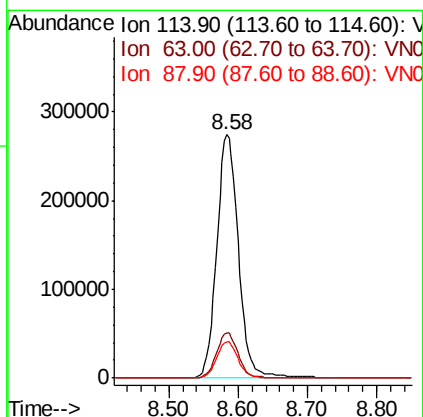
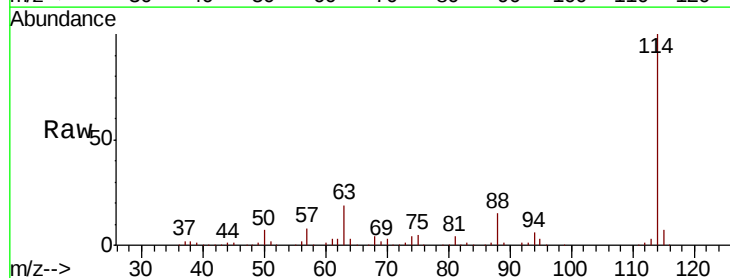
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-2R(17-20)

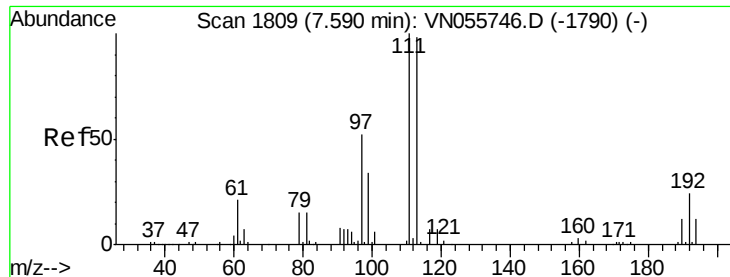
Tgt Ion: 65 Resp: 194214
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055791.D
 Acq: 24 May 2019 13:12

Tgt Ion: 114 Resp: 595306
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.0 0.0 31.0

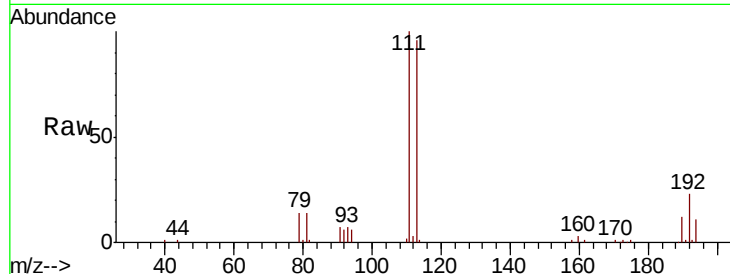




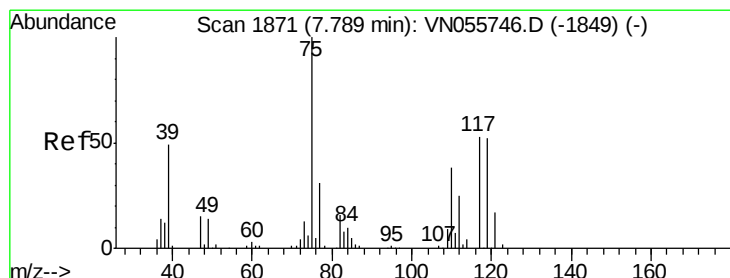
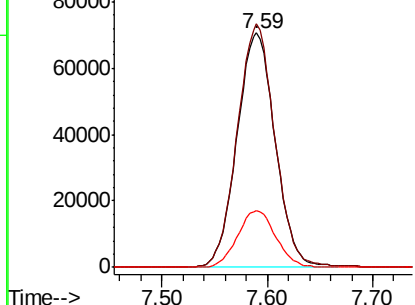
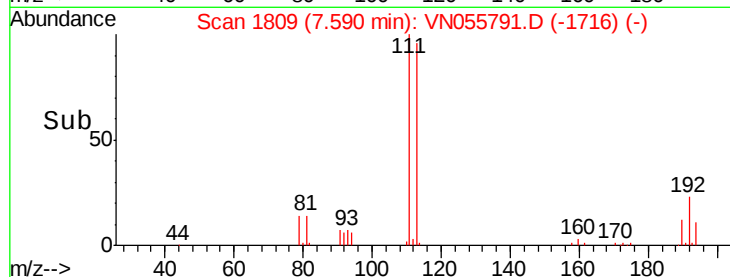
#35
 Dibromofluoromethane
 Concen: 47.264 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055791.D
 Acq: 24 May 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-2R(17-20)

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	24.2	19.5	29.3

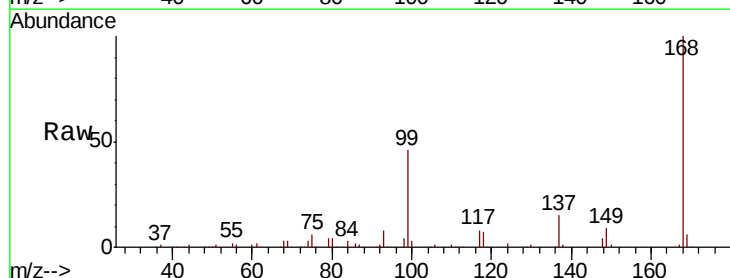


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

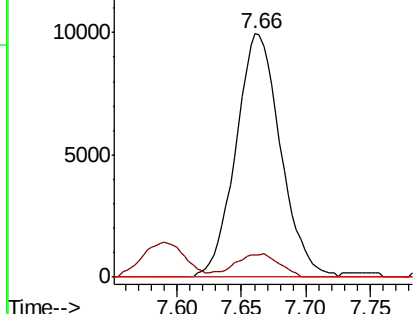
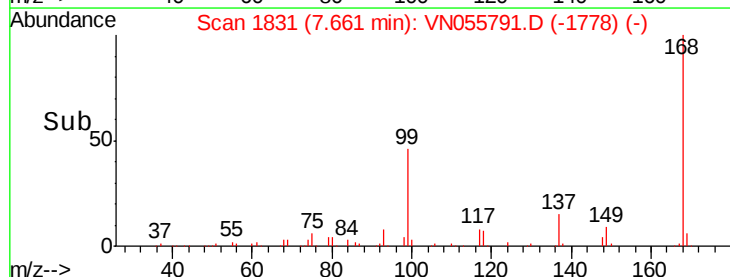


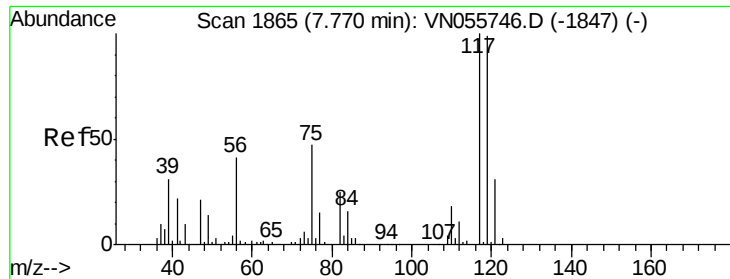
#36
 1,1-Dichloropropene
 Concen: 4.626 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN055791.D
 Acq: 24 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	19.0	57.0#
77	0.0	25.1	37.7#



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

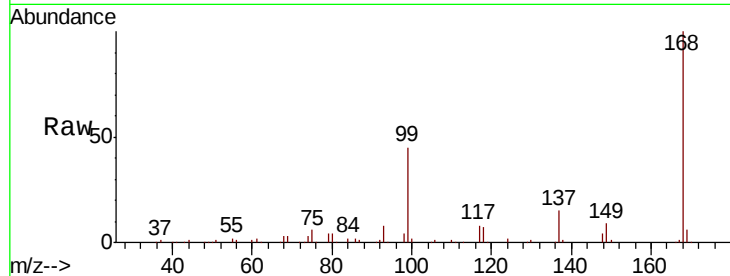




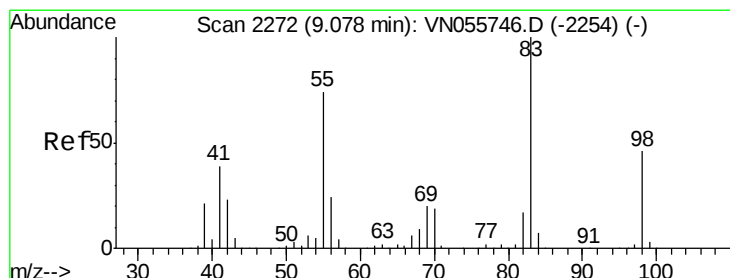
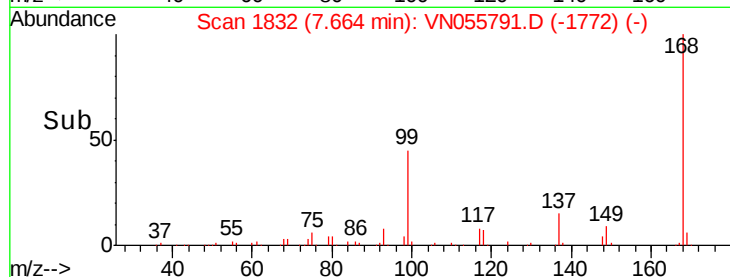
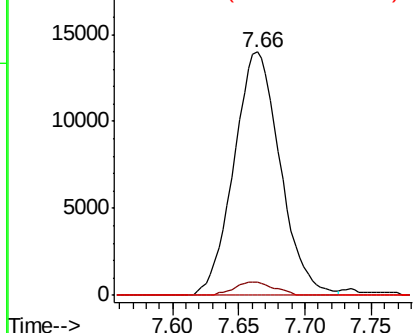
#38
Carbon Tetrachloride
Concen: 6.286 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055791.D
Acq: 24 May 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tgt Ion: 117 Resp: 33969
Ion Ratio Lower Upper
117 100
119 5.2 79.0 118.6#
121 0.0 24.7 37.1#

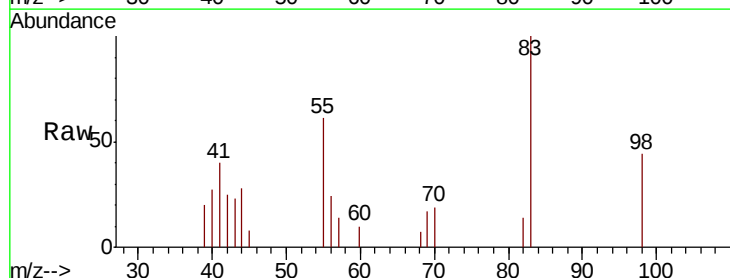


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

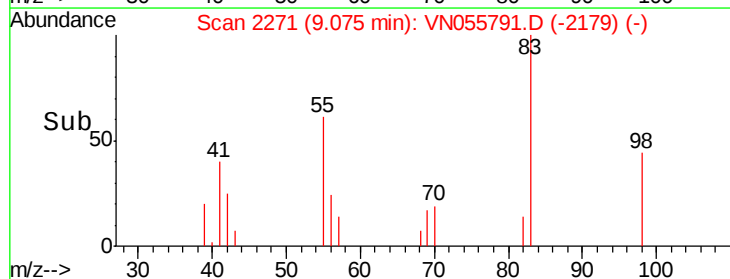
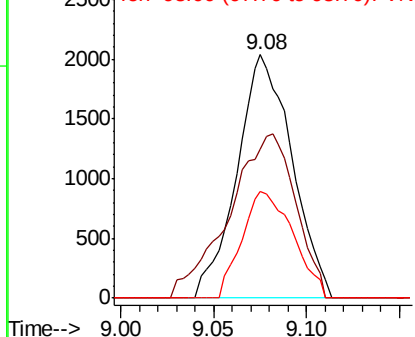


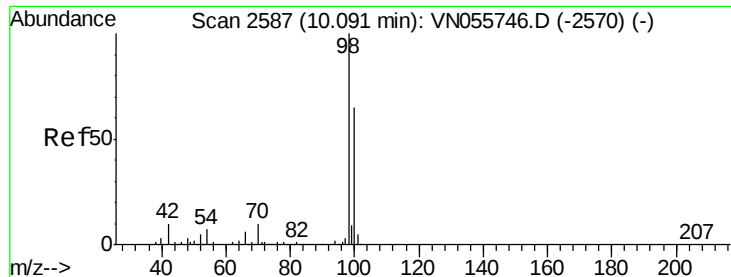
#39
Methylcyclohexane
Concen: 0.655 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN055791.D
Acq: 24 May 2019 13:12

Tgt Ion: 83 Resp: 4210
Ion Ratio Lower Upper
83 100
55 61.0 59.3 88.9
98 43.9 36.6 54.8



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V





#50

Toluene-d8

Concen: 49.097 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

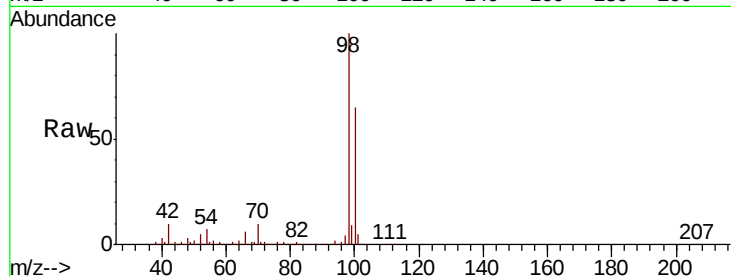
EP1-W-2R(17-20)

Tgt Ion: 98 Resp: 708832

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055746.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055746.D (-2570) (-)

10.09

400000

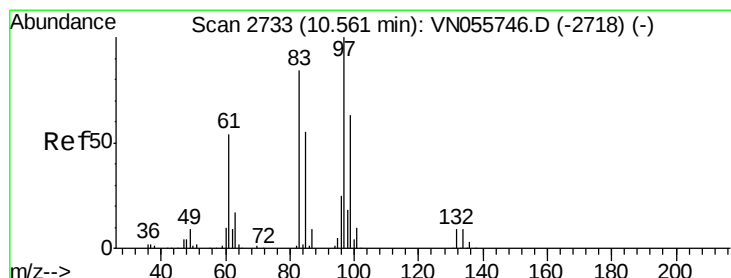
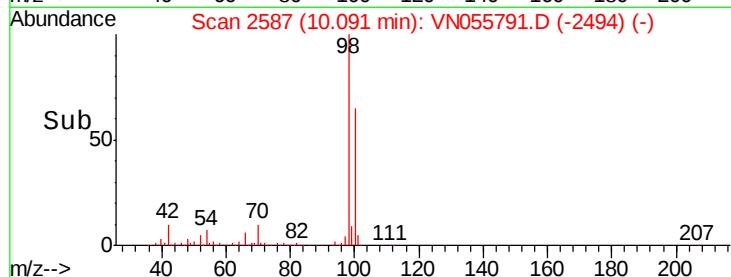
300000

200000

100000

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 1.248 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

Tgt Ion: 97 Resp: 4917

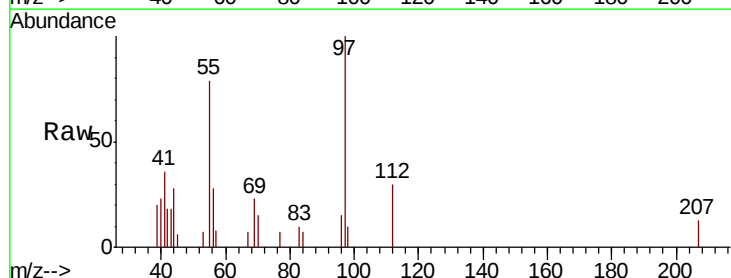
Ion Ratio Lower Upper

97 100

83 10.2 67.0 100.6#

85 0.0 44.0 66.0#

99 0.0 50.6 75.8#



Abundance Ion 96.90 (96.60 to 97.60): VN055746.D (-2718) (-)

Ion 82.90 (82.60 to 83.60): VN055746.D (-2718) (-)

Ion 84.90 (84.60 to 85.60): VN055746.D (-2718) (-)

Ion 98.90 (98.60 to 99.60): VN055746.D (-2718) (-)

10.53

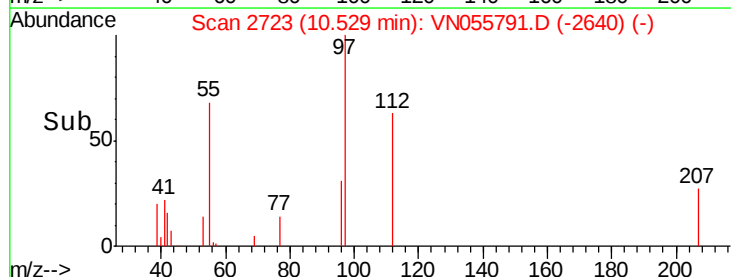
3000

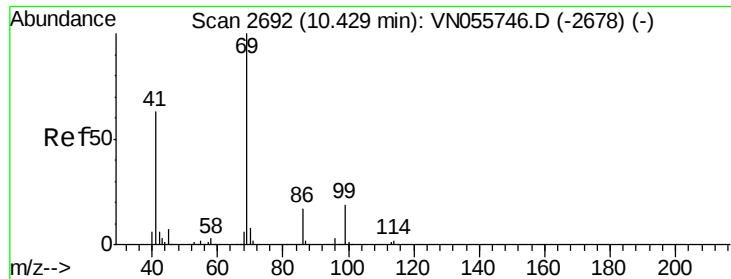
2000

1000

0

Time-->





#56

Ethyl methacrylate

Concen: 0.391 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-W-2R(17-20)

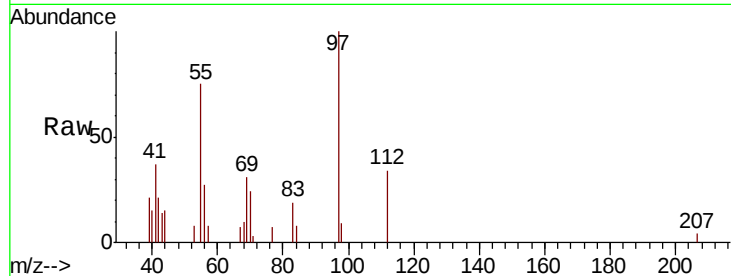
Tgt Ion: 69 Resp: 2378

Ion Ratio Lower Upper

69 100

41 168.3 49.7 74.5#

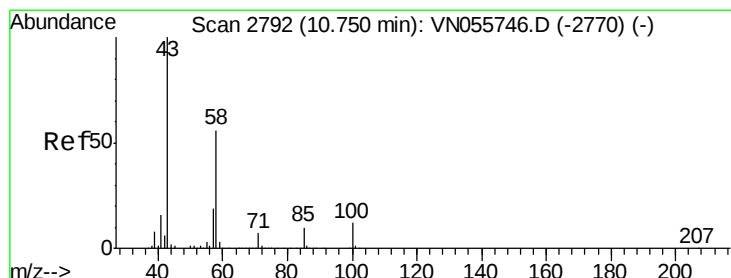
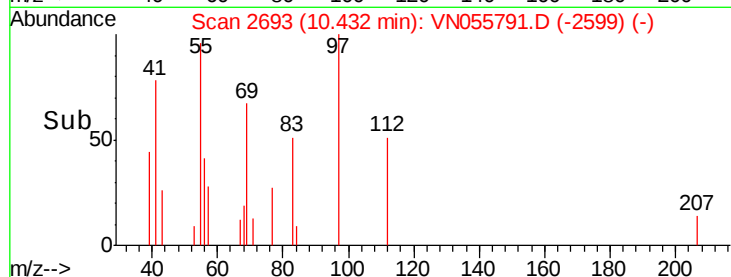
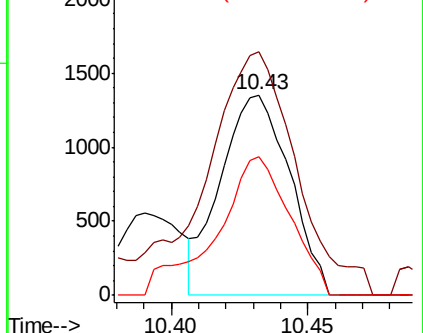
39 73.8 24.7 37.1#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 3.220 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.03 min

Lab File: VN055791.D

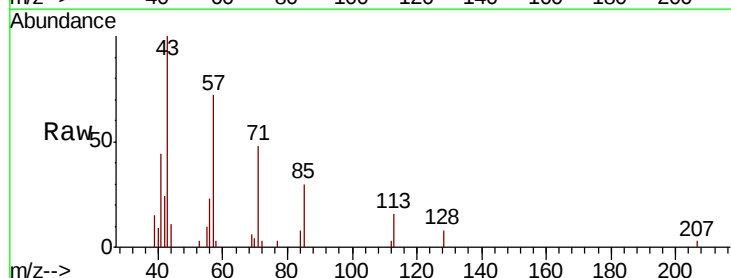
Acq: 24 May 2019 13:12

Tgt Ion: 43 Resp: 11366

Ion Ratio Lower Upper

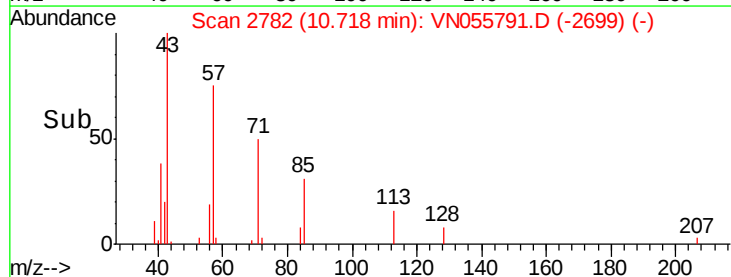
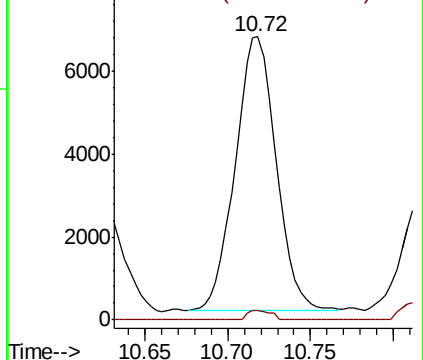
43 100

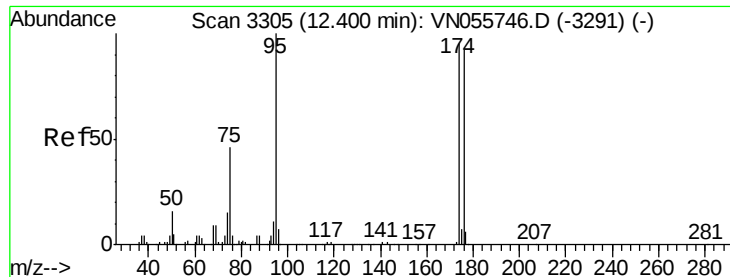
58 1.9 28.2 84.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 49.652 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-W-2R(17-20)

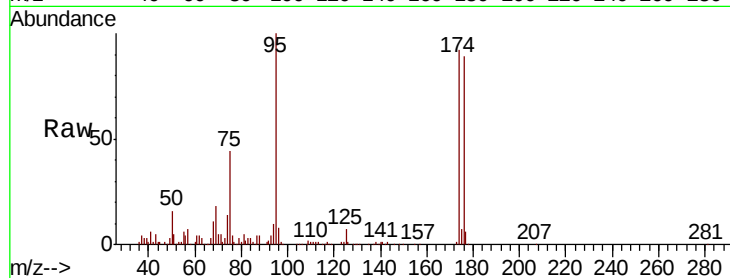
Tgt Ion: 95 Resp: 245795

Ion Ratio Lower Upper

95 100

174 95.9 0.0 191.0

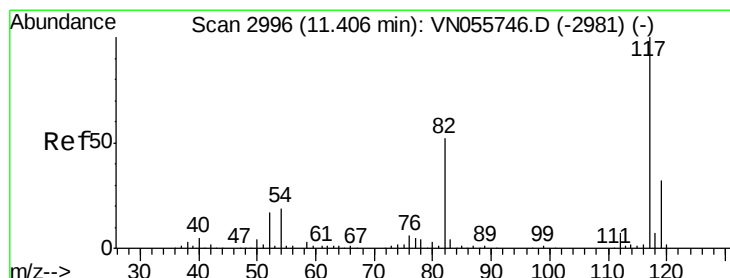
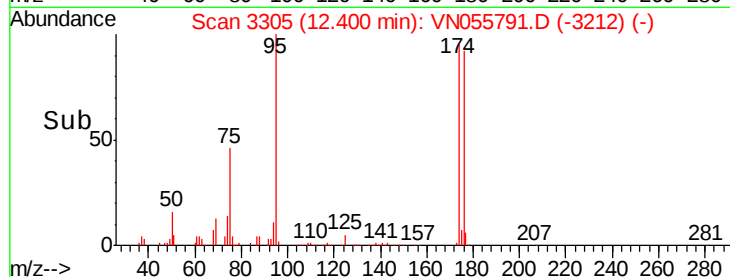
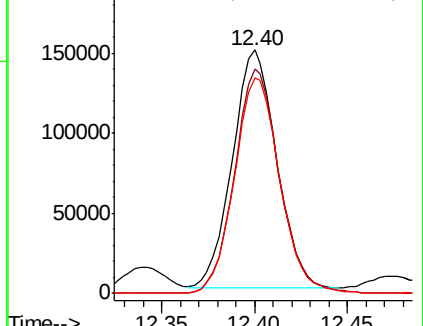
176 93.1 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055791.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055791.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055791.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

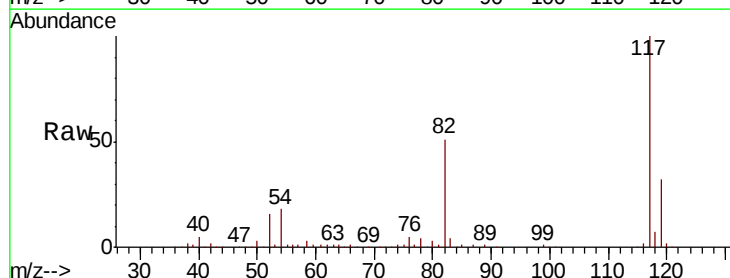
Tgt Ion: 117 Resp: 549729

Ion Ratio Lower Upper

117 100

82 51.1 41.8 62.8

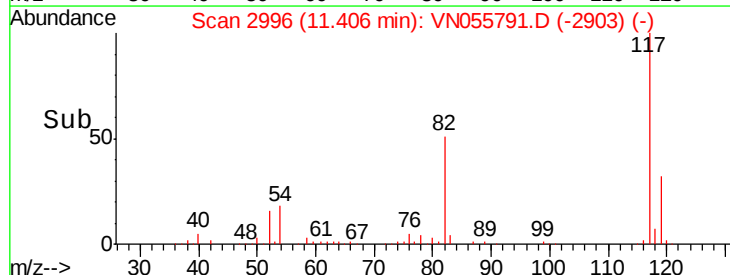
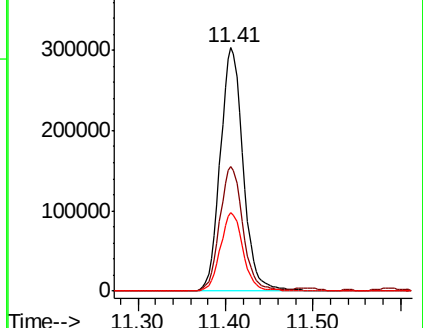
119 32.1 25.4 38.0

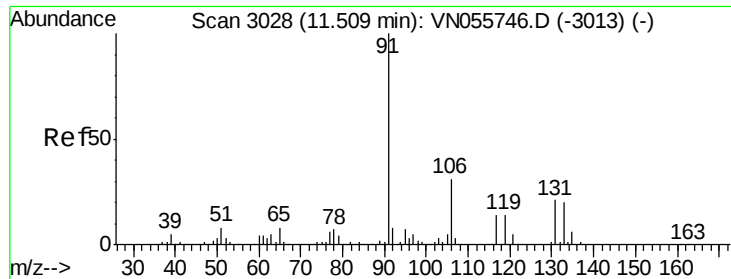


Abundance Ion 116.90 (116.60 to 117.60): VN055791.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055791.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055791.D (-2903) (-)

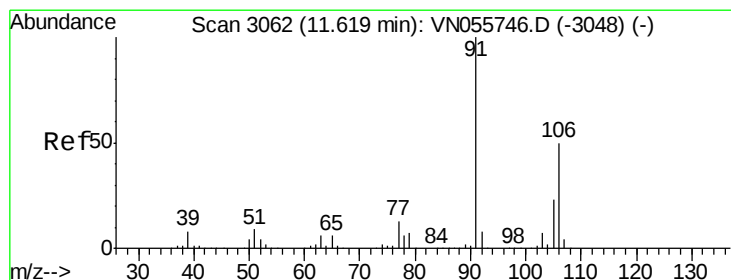
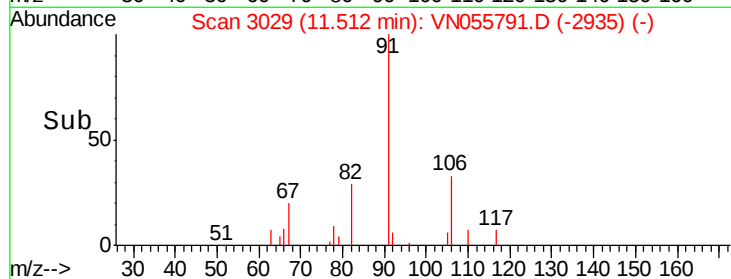
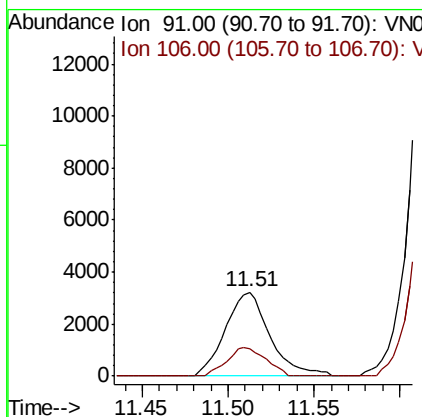
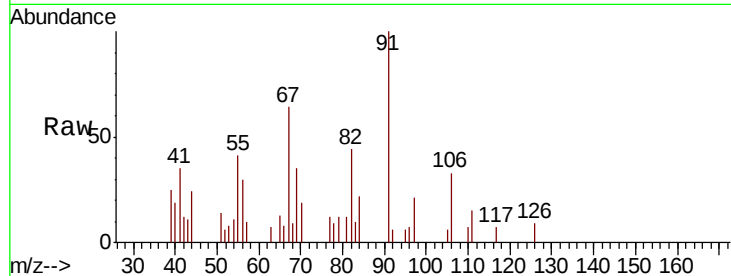




#67
Ethyl Benzene
Concen: 0.296 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055791.D
Acq: 24 May 2019 13:12

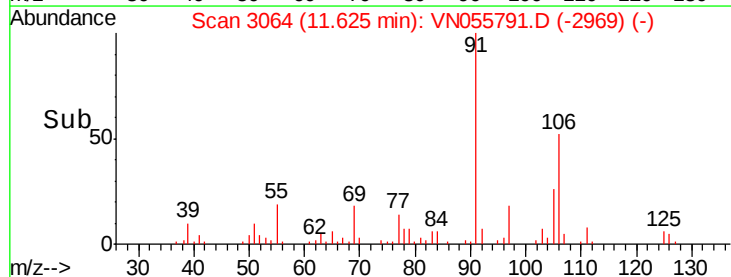
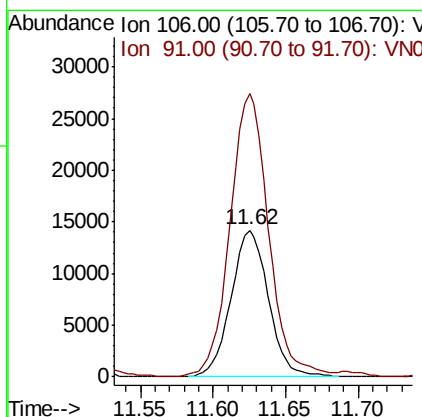
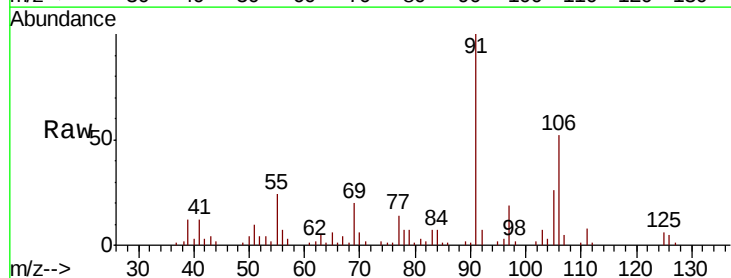
Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

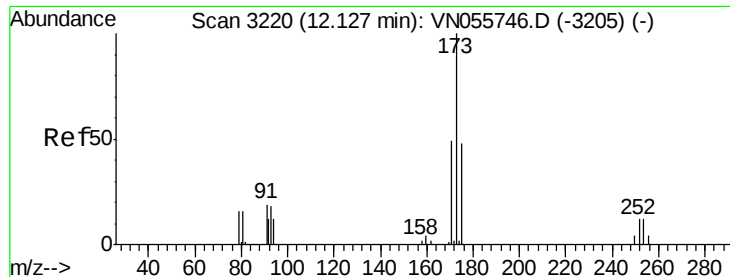
Tgt Ion: 91 Resp: 5842
Ion Ratio Lower Upper
91 100
106 32.7 25.1 37.7



#68
m/p-Xylenes
Concen: 3.410 ug/l
RT: 11.62 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN055791.D
Acq: 24 May 2019 13:12

Tgt Ion: 106 Resp: 25438
Ion Ratio Lower Upper
106 100
91 199.0 159.3 238.9





#71

Bromoform

Concen: 0.392 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-W-2R(17-20)

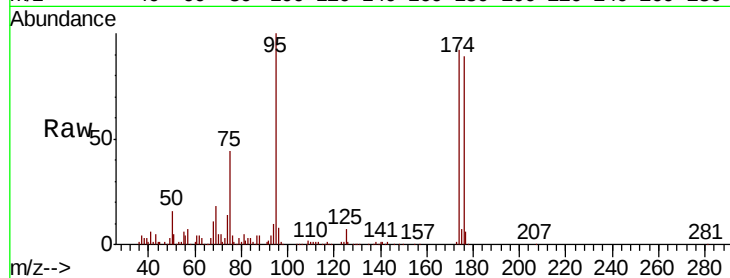
Tgt Ion:173 Resp: 1466

Ion Ratio Lower Upper

173 100

175 1024.1 24.3 72.8#

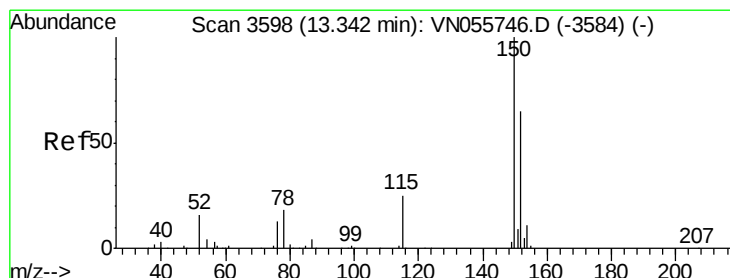
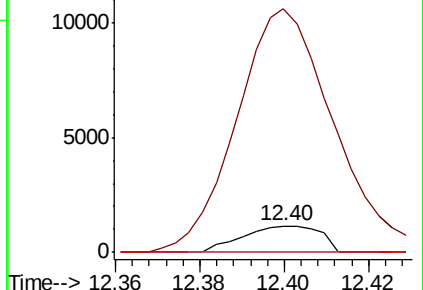
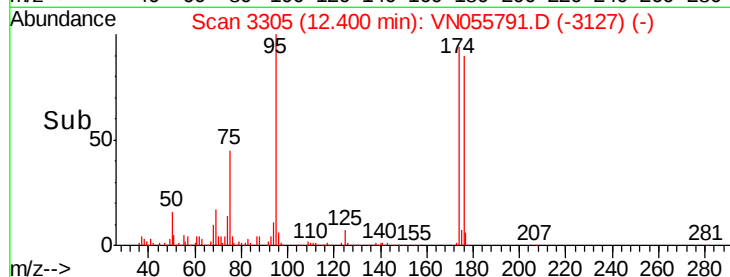
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

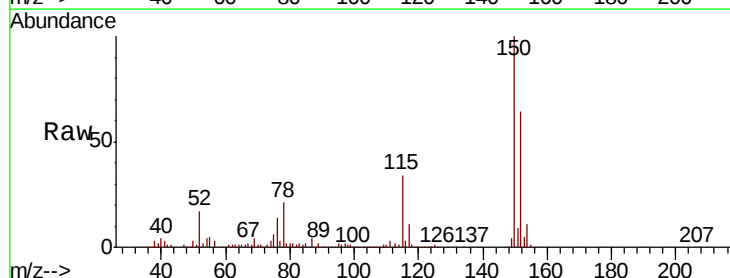
Tgt Ion:152 Resp: 232415

Ion Ratio Lower Upper

152 100

115 54.0 27.0 81.0

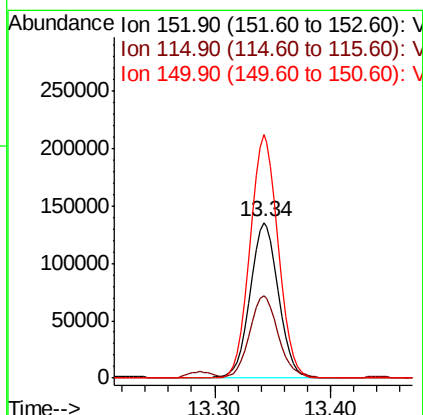
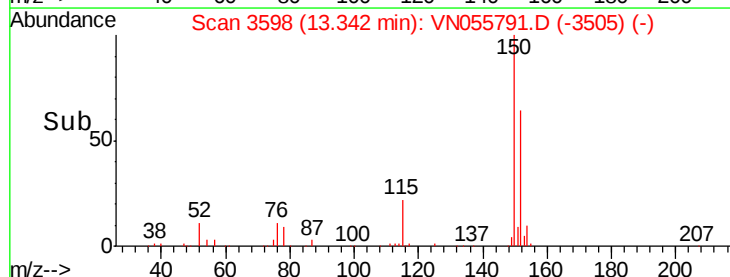
150 154.4 0.0 343.2

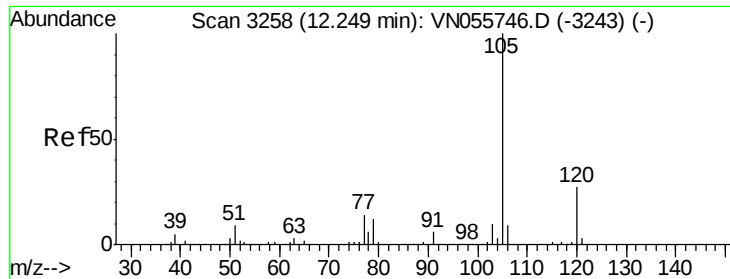


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.077 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

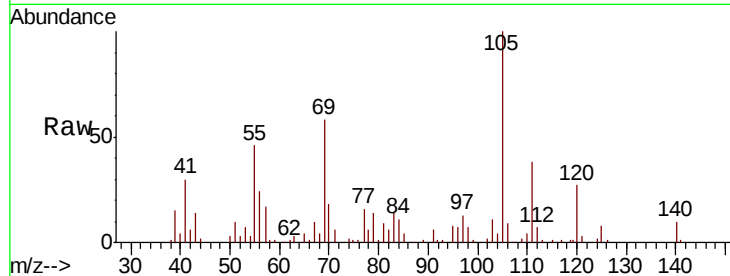
EP1-W-2R(17-20)

Tgt Ion: 105 Resp: 60948

Ion Ratio Lower Upper

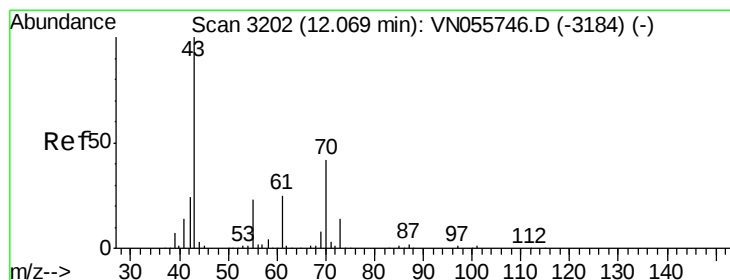
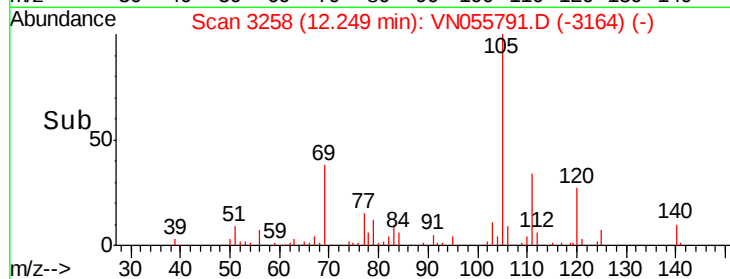
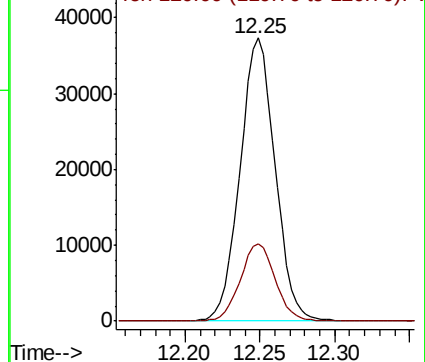
105 100

120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 14.688 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

Tgt Ion: 43 Resp: 102571

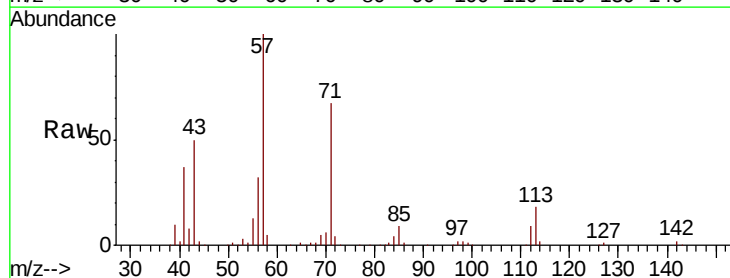
Ion Ratio Lower Upper

43 100

70 10.0 34.0 51.0#

55 11.1 18.6 28.0#

61 0.0 20.0 30.0#

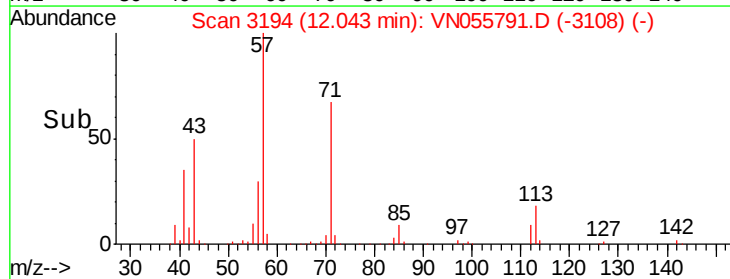
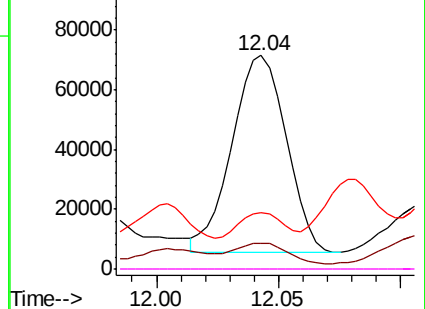


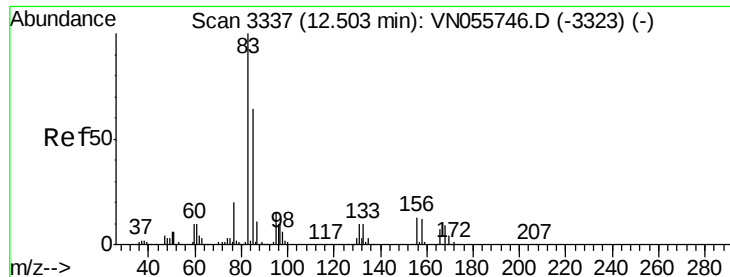
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-W-2R(17-20)

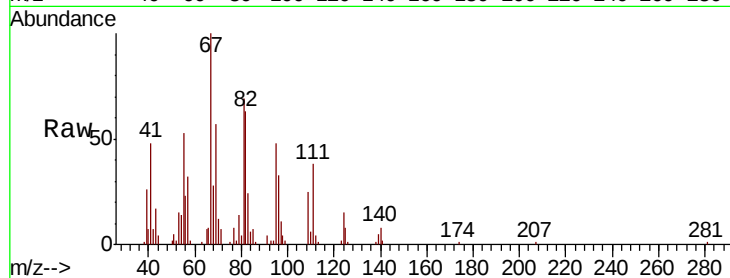
Tgt Ion: 83 Resp: 10140

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

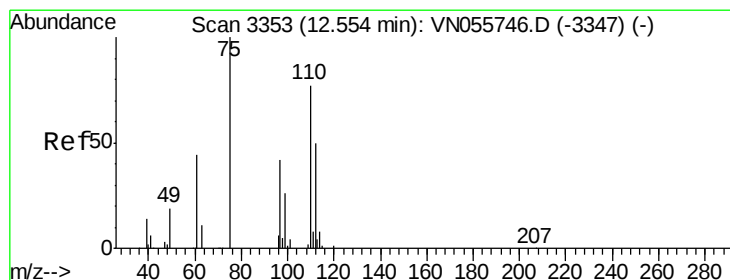
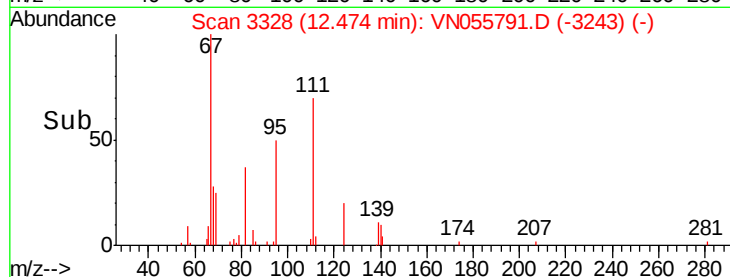
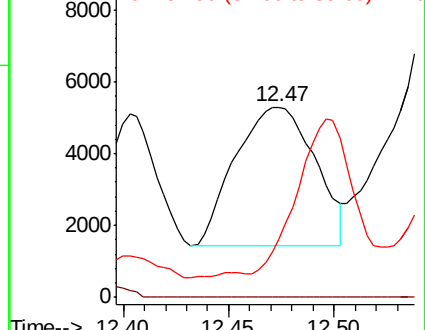
85 0.0 32.4 97.0#



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: 27.067 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055791.D

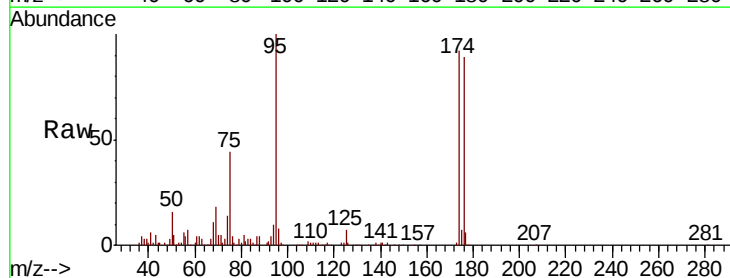
Acq: 24 May 2019 13:12

Tgt Ion: 75 Resp: 114100

Ion Ratio Lower Upper

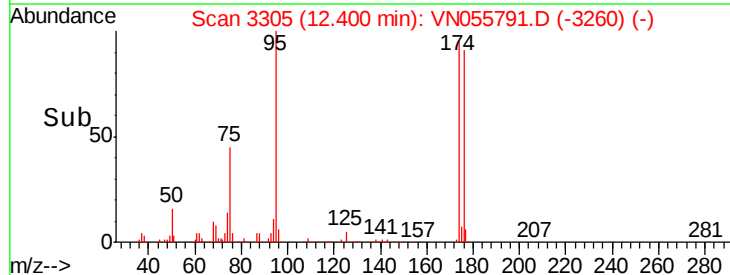
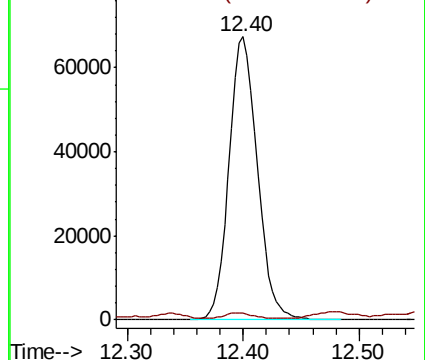
75 100

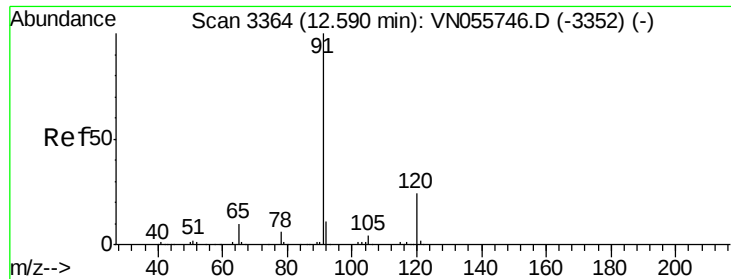
77 2.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 9.342 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

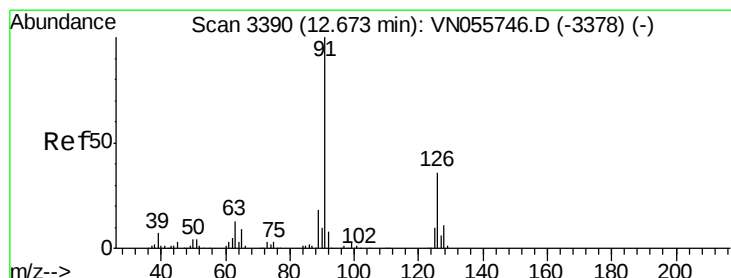
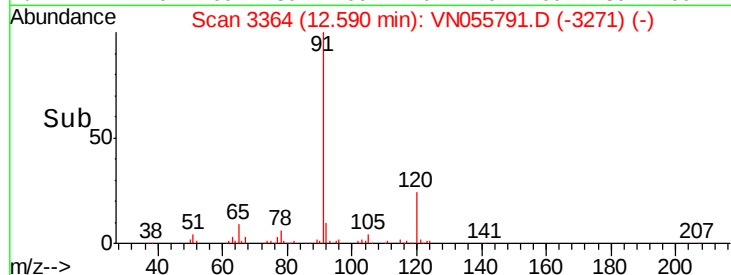
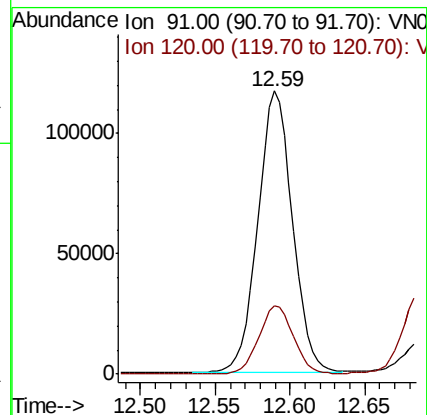
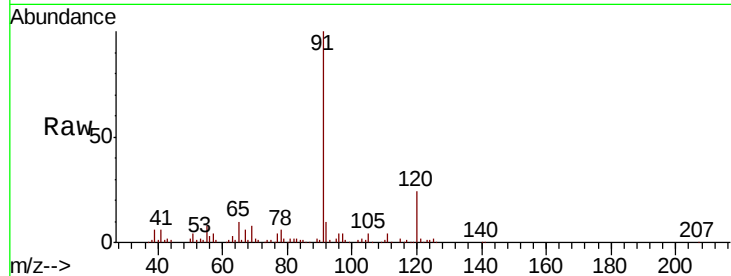
EP1-W-2R(17-20)

Tgt Ion: 91 Resp: 188708

Ion Ratio Lower Upper

91 100

120 24.4 12.0 36.0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.69 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VN055791.D

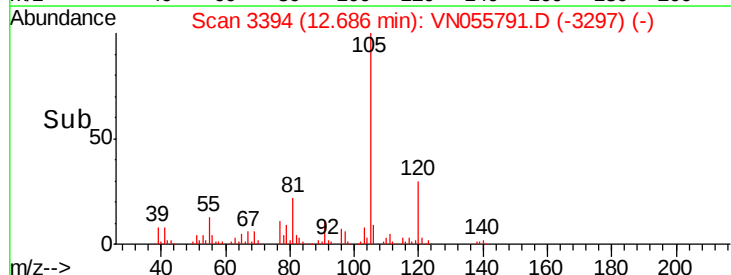
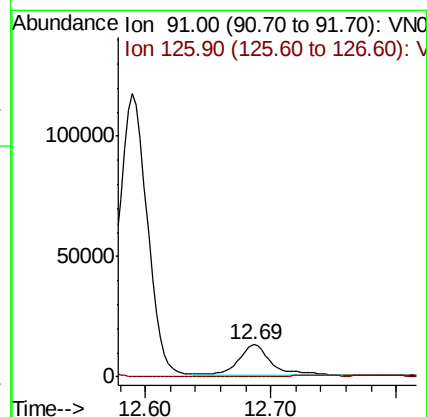
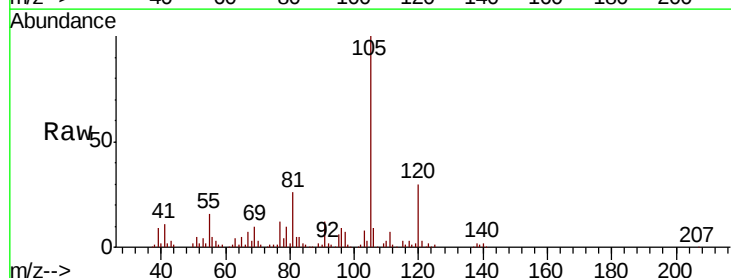
Acq: 24 May 2019 13:12

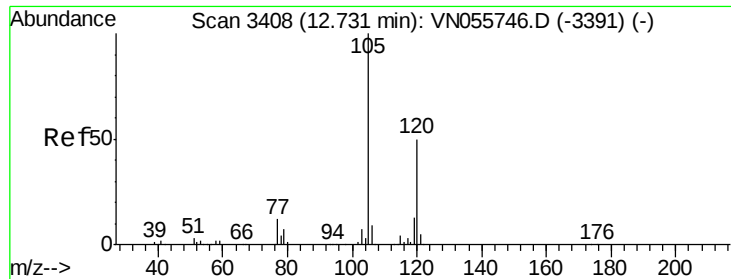
Tgt Ion: 91 Resp: 23476

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#

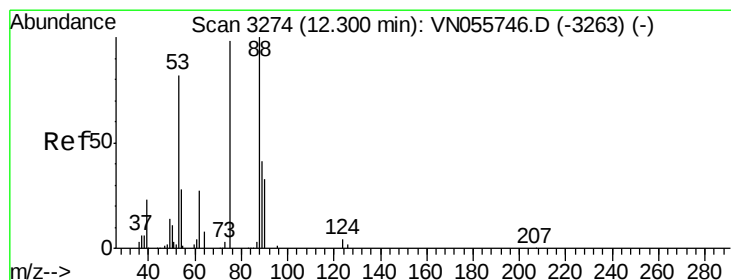
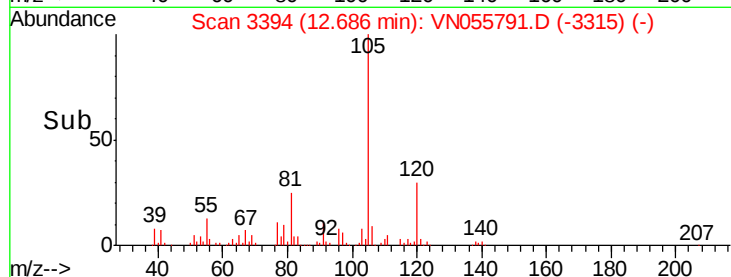
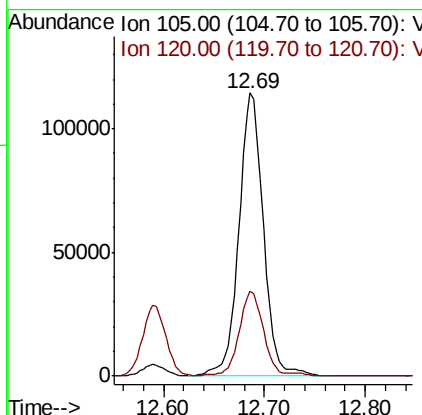
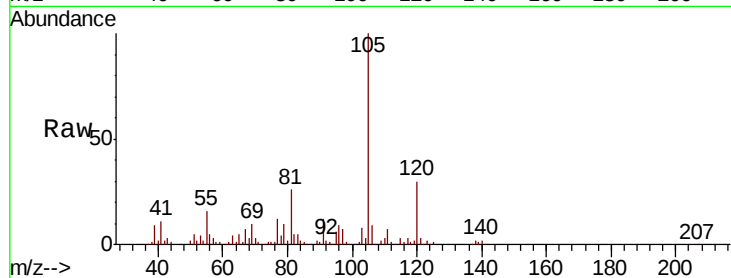




#80
 1,3,5-Trimethylbenzene
 Concen: 11.874 ug/l
 RT: 12.69 min Scan# 3394
 Delta R.T. -0.04 min
 Lab File: VN055791.D
 Acq: 24 May 2019 13:12

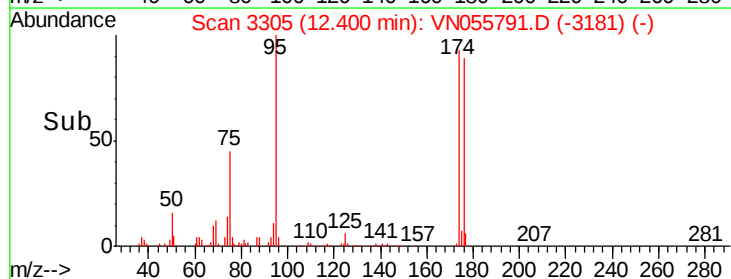
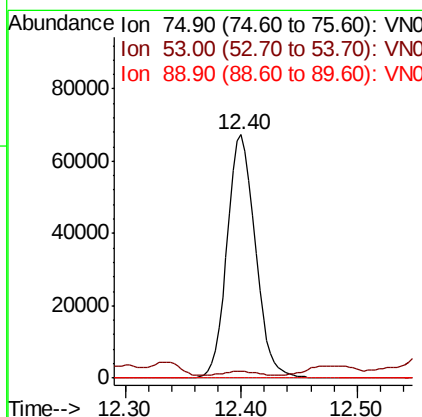
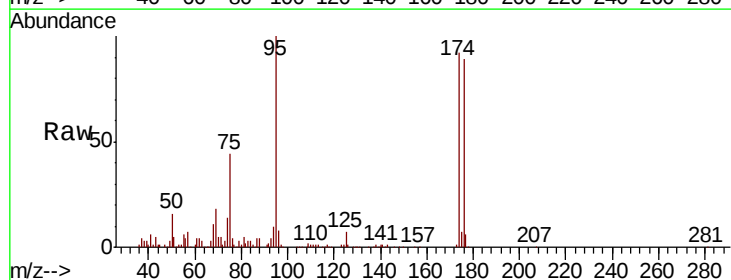
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-2R(17-20)

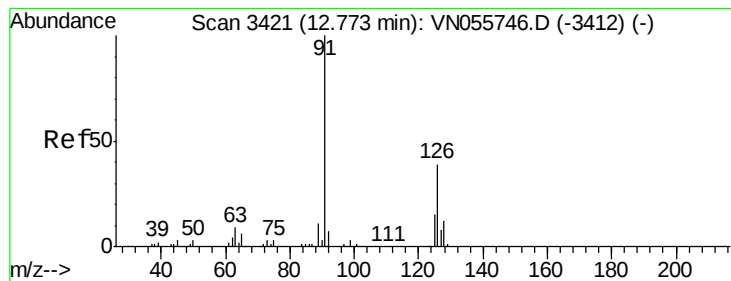
Tgt Ion: 105 Resp: 192395
 Ion Ratio Lower Upper
 105 100
 120 30.3 24.7 74.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.054 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055791.D
 Acq: 24 May 2019 13:12

Tgt Ion: 75 Resp: 114100
 Ion Ratio Lower Upper
 75 100
 53 2.2 68.1 102.1#
 89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 1.977 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. -0.09 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

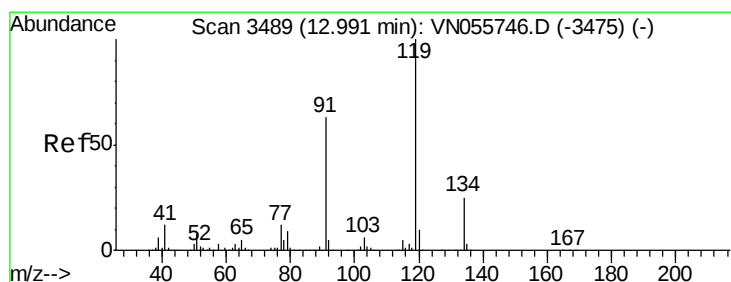
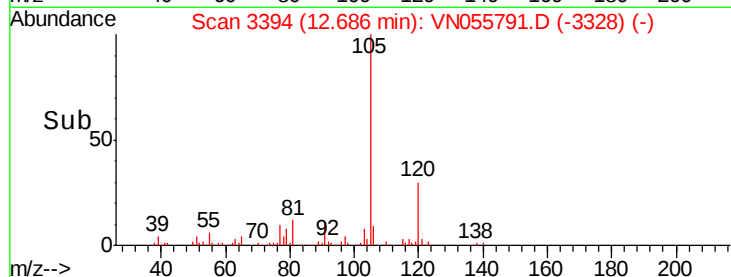
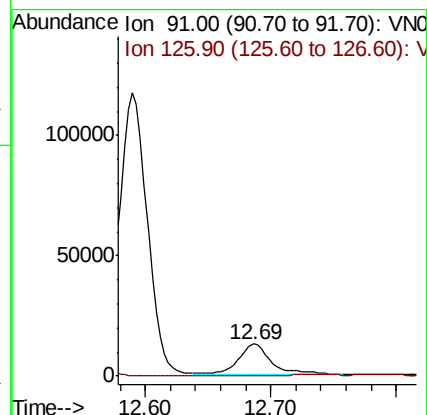
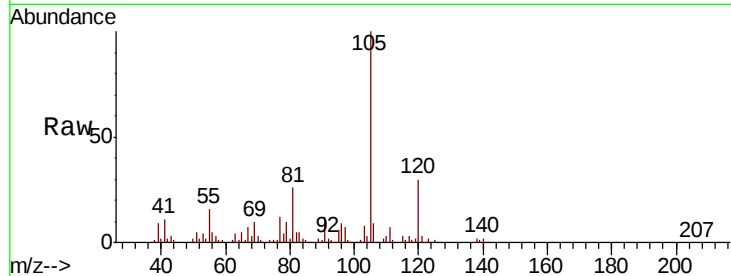
EP1-W-2R(17-20)

Tgt Ion: 91 Resp: 23476

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.3#



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

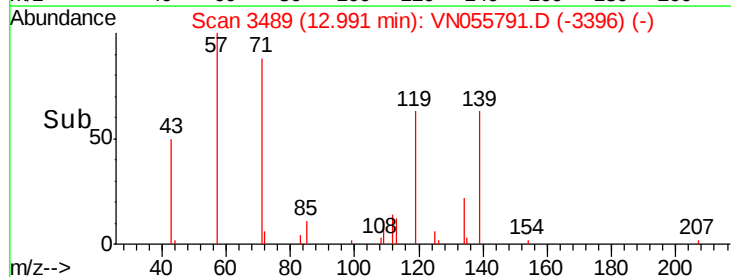
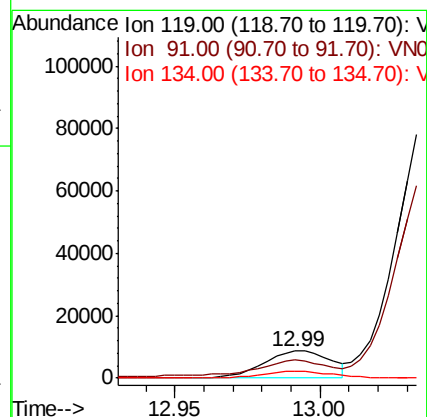
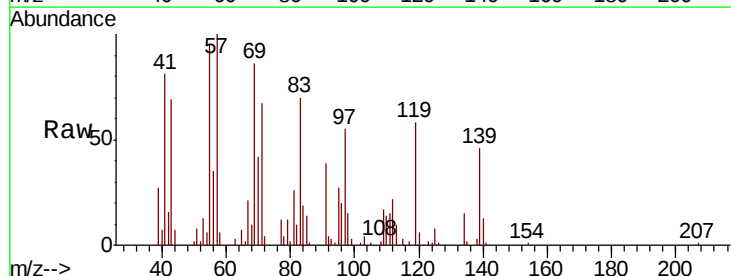
Tgt Ion: 119 Resp: 13865

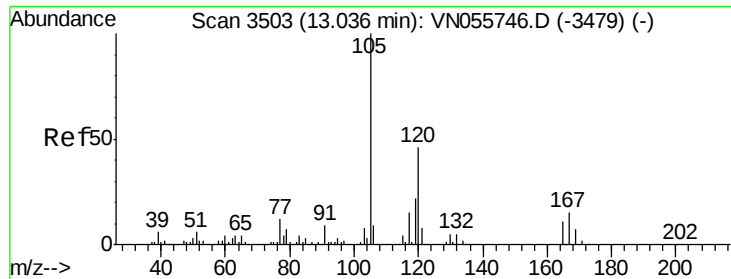
Ion Ratio Lower Upper

119 100

91 70.7 30.9 92.8

134 25.4 13.3 39.8

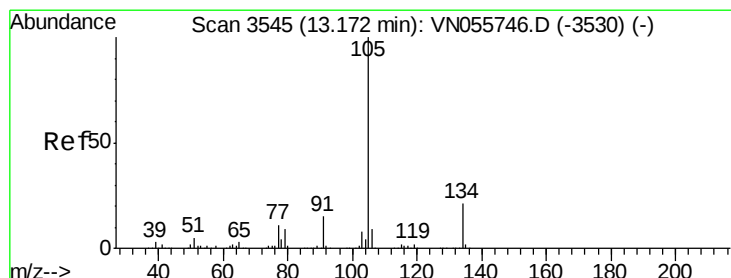
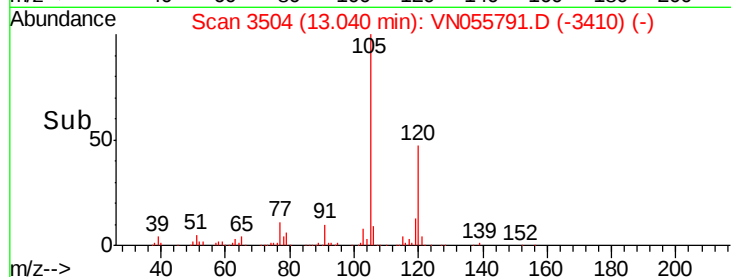
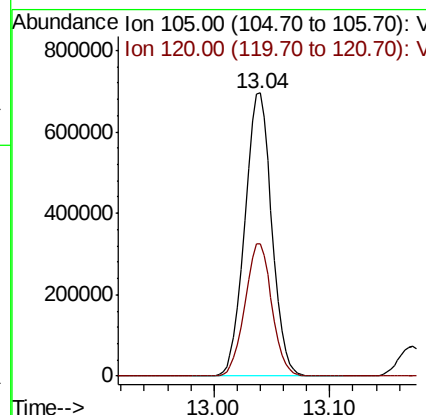
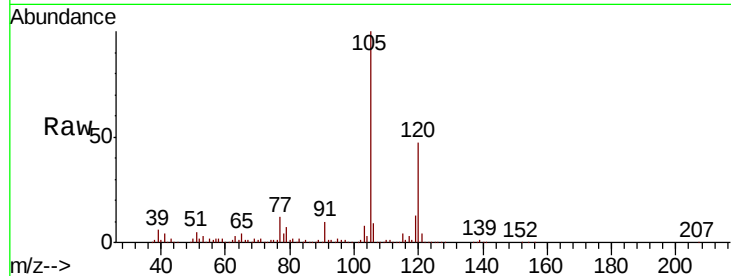




#84
 1,2,4-Trimethylbenzene
 Concen: 82.112 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055791.D
 Acq: 24 May 2019 13:12

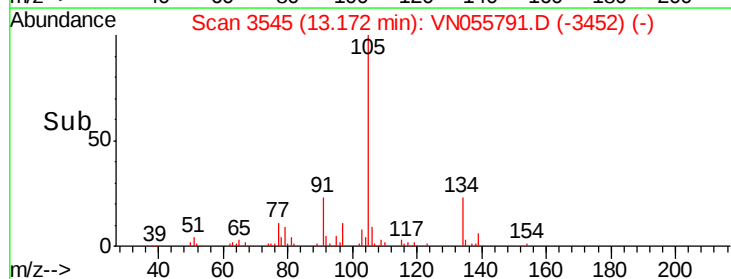
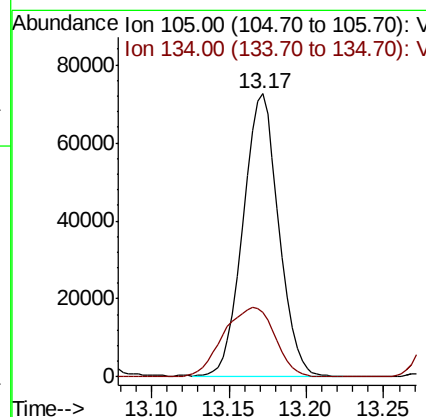
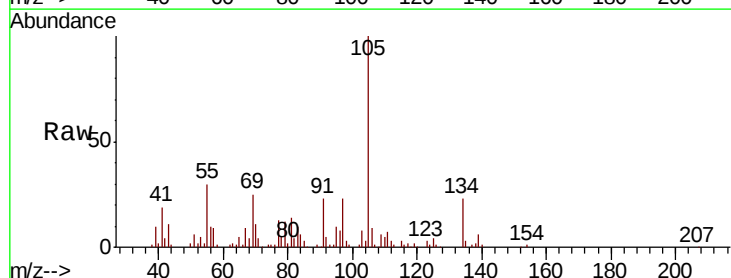
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-2R(17-20)

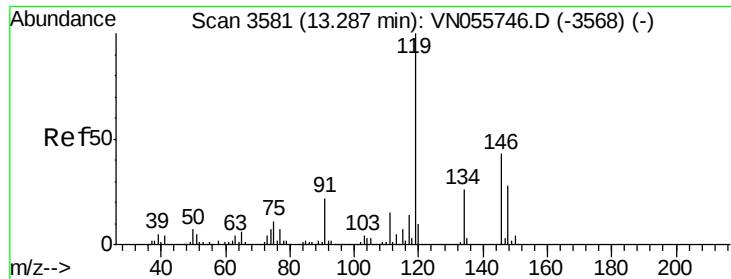
Tgt Ion:105 Resp: 1119906
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 5.273 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055791.D
 Acq: 24 May 2019 13:12

Tgt Ion:105 Resp: 115551
 Ion Ratio Lower Upper
 105 100
 134 35.9 10.4 31.2#

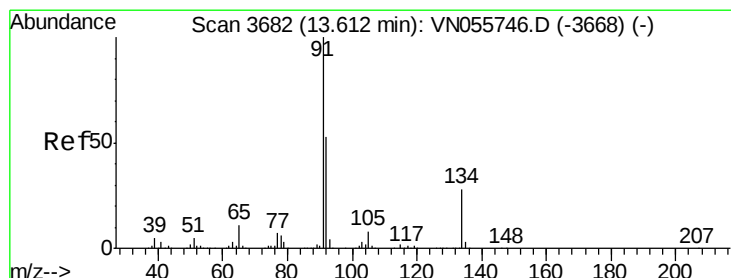
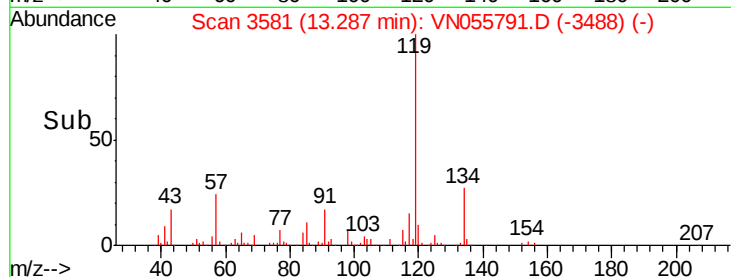
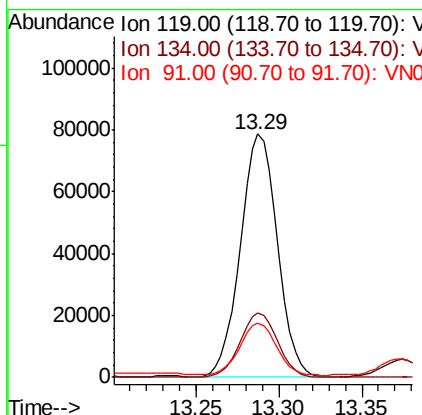
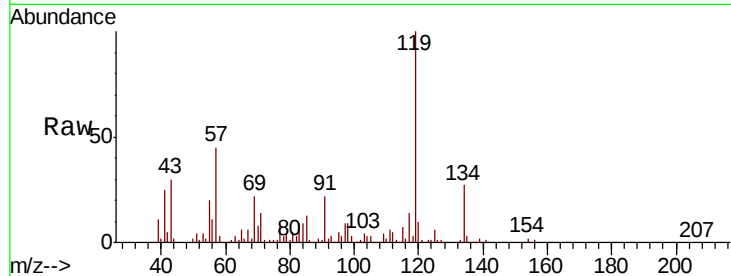




#86
 p-Isopropyltoluene
 Concen: 7.506 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055791.D
 Acq: 24 May 2019 13:12

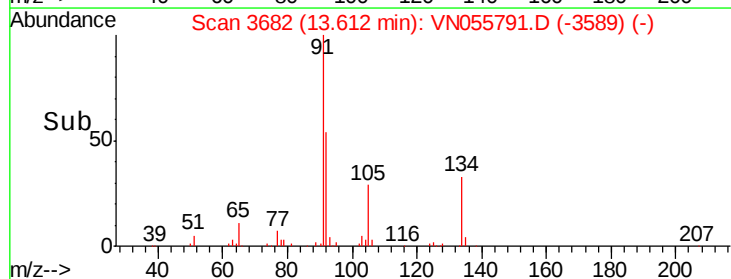
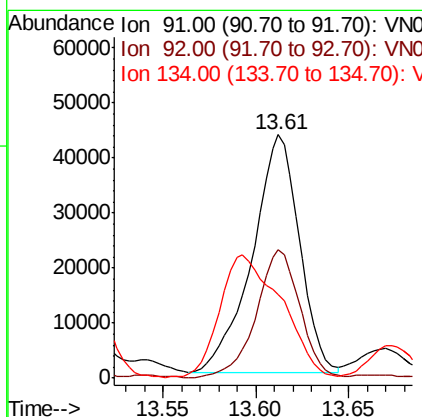
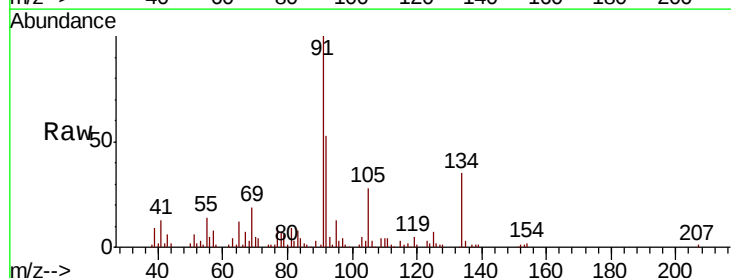
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-2R(17-20)

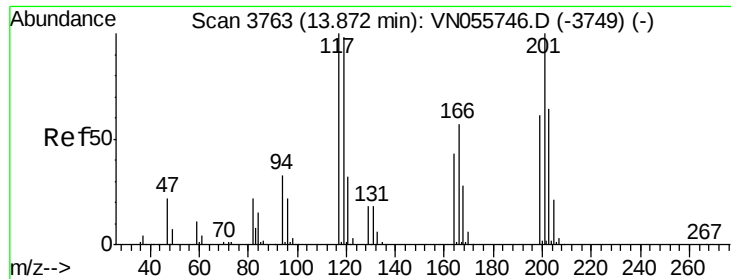
Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.4	40.1
91	21.5	10.9	32.9



#89
 n-Butylbenzene
 Concen: 6.221 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN055791.D
 Acq: 24 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.2	26.4	79.0
134	67.4	13.9	41.7





#90

Hexachloroethane

Concen: 4.676 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

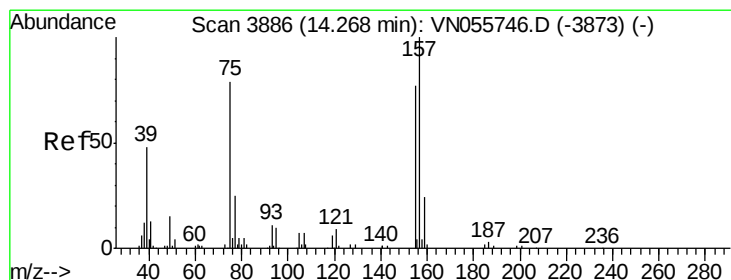
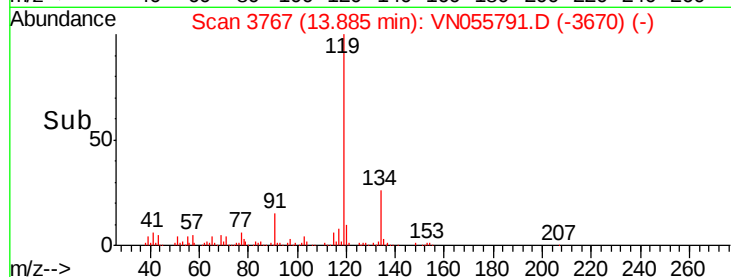
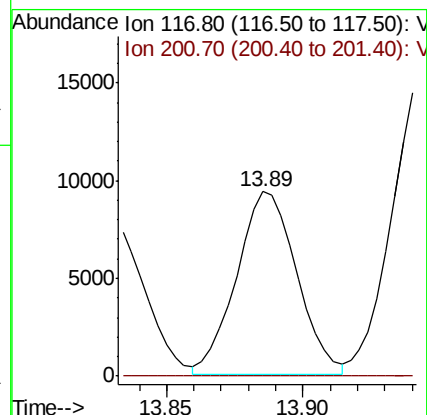
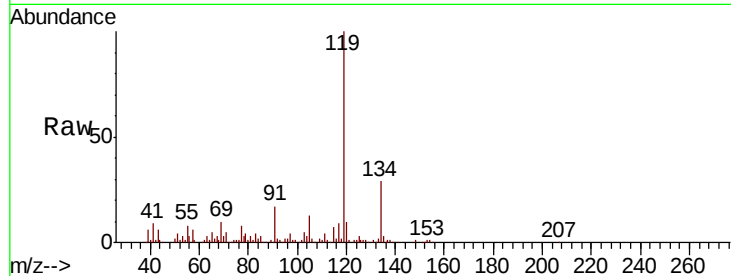
EP1-W-2R(17-20)

Tgt Ion:117 Resp: 14366

Ion Ratio Lower Upper

117 100

201 0.0 50.0 150.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.541 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.02 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

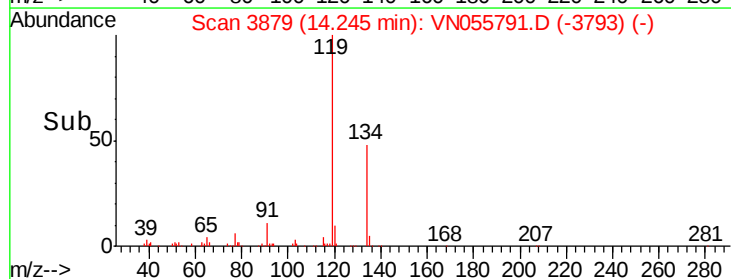
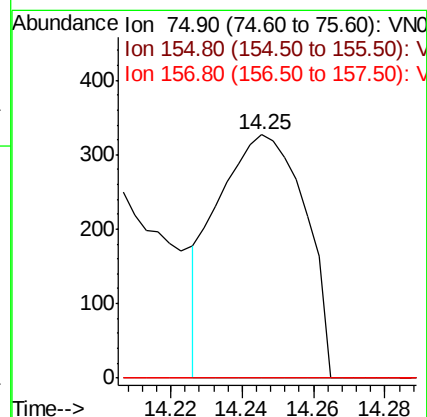
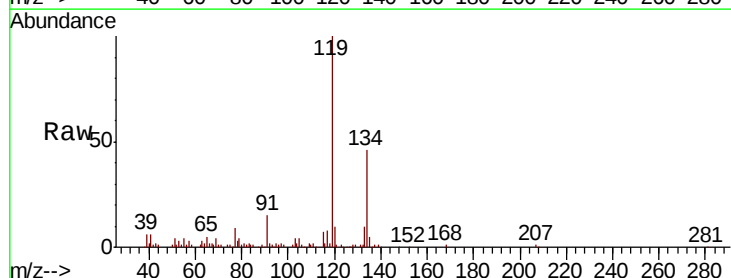
Tgt Ion: 75 Resp: 557

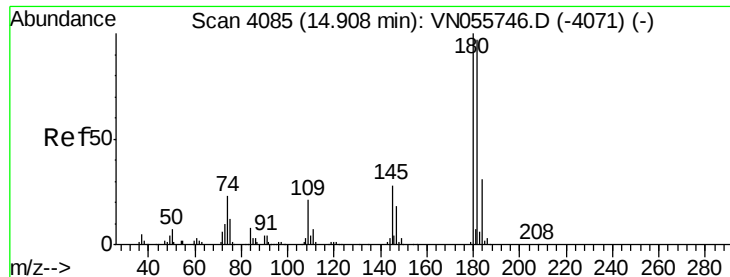
Ion Ratio Lower Upper

75 100

155 0.0 50.0 150.1#

157 0.0 64.8 194.3#

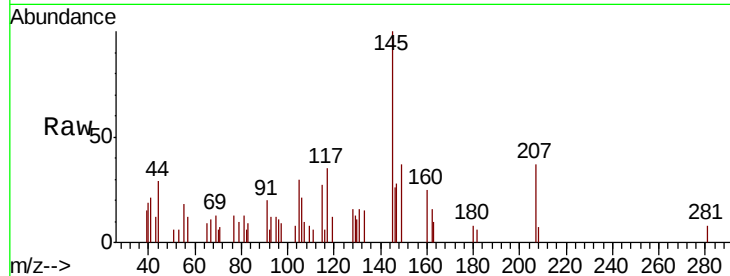




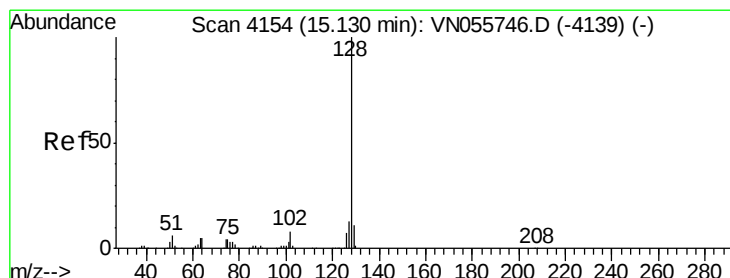
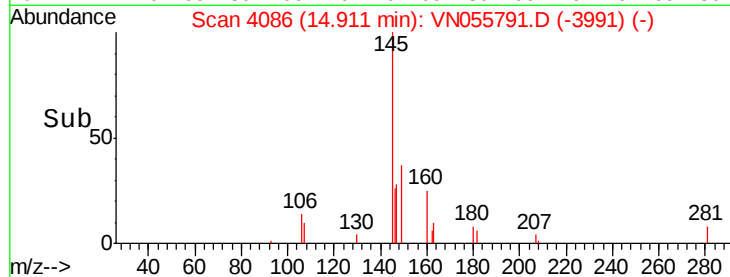
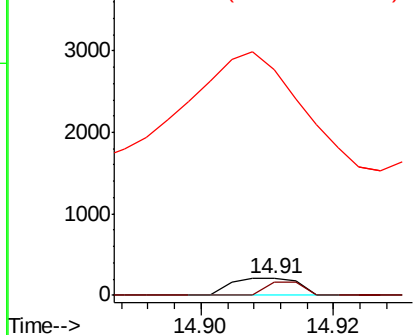
#93
 1,2,4-Trichlorobenzene
 Concen: 3.667 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN055791.D
 Acq: 24 May 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-2R(17-20)

Tgt Ion:180 Resp: 147
 Ion Ratio Lower Upper
 180 100
 182 41.5 48.3 144.9#
 145 3970.1 14.0 41.9#

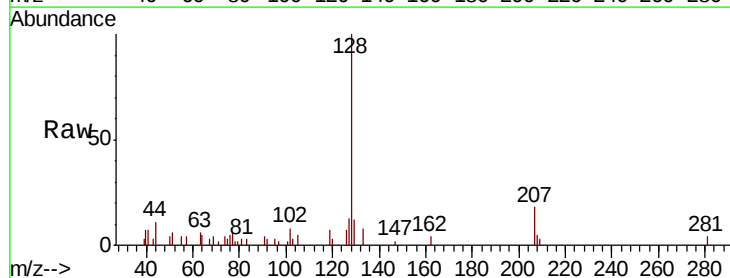


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 1.098 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN055791.D
 Acq: 24 May 2019 13:12

Tgt Ion:128 Resp: 11808
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.3 15.5
 129 12.0 8.7 13.1



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

