

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020420\
 Data File : VN059994.D
 Acq On : 4 Feb 2020 15:10
 Operator : JC/MD
 Sample : L1363-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-020320

Quant Time: Feb 05 01:23:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	206895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	322293	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	295620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140004	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	117225	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
35) Dibromofluoromethane	7.57	113	96955	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	
50) Toluene-d8	10.08	98	381247	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.40	95	137459	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	5699	Below Cal		93
18) Methyl Acetate	4.31	43	1263	0.471	ug/l #	59
20) Methylene Chloride	4.53	84	4606	0.946	ug/l #	85
31) Cyclohexane	7.64	56	4126	1.214	ug/l #	3
36) 1,1-Dichloropropene	7.64	75	14529	5.177	ug/l #	50
38) Carbon Tetrachloride	7.64	117	19242	6.303	ug/l #	15
43) Isopropyl Acetate	8.14	43	47332	10.454	ug/l #	91
45) 1,2-Dichloropropane	9.25	63	1136	0.548	ug/l #	44
48) Methyl methacrylate	9.17	41	2545	1.257	ug/l #	13
51) 4-Methyl-2-Pentanone	9.97	43	3634	1.388	ug/l	89
52) Toluene	10.15	92	1814	0.343	ug/l	100
54) cis-1,3-Dichloropropene	9.89	75	21908	6.333	ug/l #	59
57) 1,3-Dichloropropane	10.76	76	3605	1.084	ug/l #	42
59) 2-Hexanone	10.75	43	47603	24.687	ug/l #	54
67) Ethyl Benzene	11.51	91	6243	0.592	ug/l	93
68) m/p-Xylenes	11.61	106	9022	2.264	ug/l	96
69) o-Xylene	11.94	106	11455	2.937	ug/l	99
73) Isopropylbenzene	12.25	105	3164	0.308	ug/l	94
74) N-amyl acetate	12.03	43	3911	0.982	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	71070	30.164	ug/l #	100
78) n-propylbenzene	12.59	91	7391	0.641	ug/l	98
79) 2-Chlorotoluene	12.65	91	3631	0.530	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.73	105	26828	3.107	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	71070	64.777	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	79639	9.322	ug/l	99
85) sec-Butylbenzene	13.17	105	3545	0.361	ug/l	86
86) p-Isopropyltoluene	13.29	119	4462	0.491	ug/l	96
89) n-Butylbenzene	13.61	91	2927	0.378	ug/l #	59
90) Hexachloroethane	13.89	117	2022	1.190	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.28	75	59	Below Cal	#	6
93) 1,2,4-Trichlorobenzene	14.91	180	1008	0.376	ug/l #	60
95) Naphthalene	15.13	128	13354	1.750	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	1161	0.445	ug/l #	68

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QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

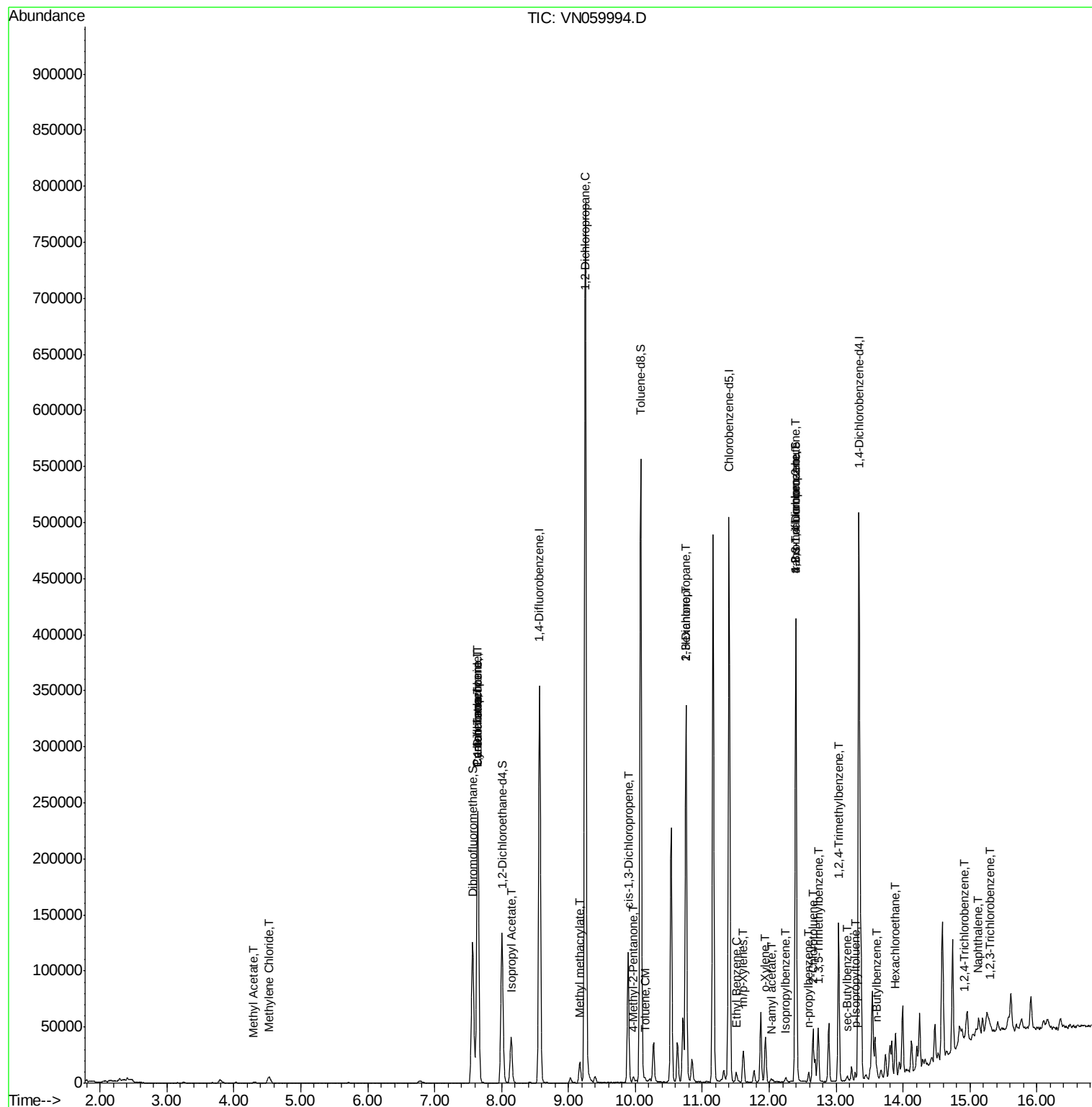
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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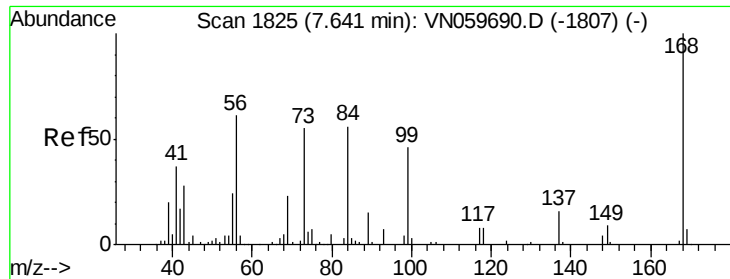
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020420\
Data File : VN059994.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059994.D

Acq: 4 Feb 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

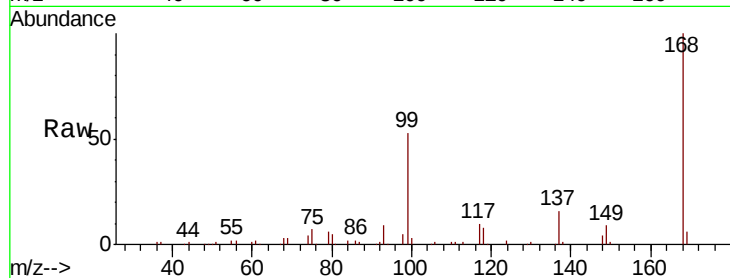
HR-06-020320

Tot Ion:168 Resp: 206895

Ion Ratio Lower Upper

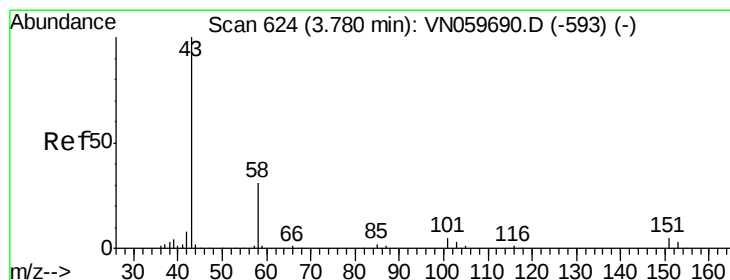
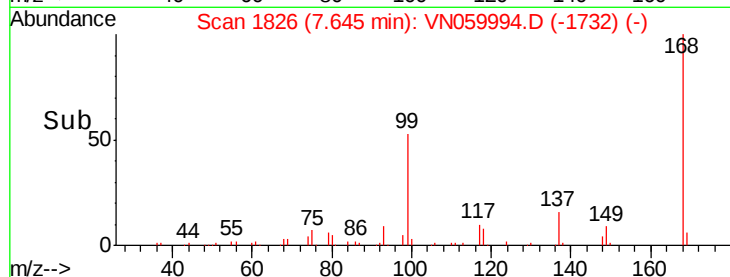
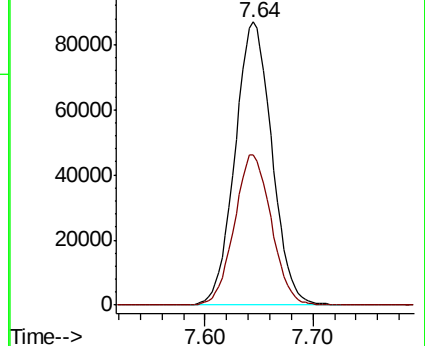
168 100

99 52.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059994.D (-1732) (-)

Ion 98.90 (98.60 to 99.60): VN059994.D (-1732) (-)



#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN059994.D

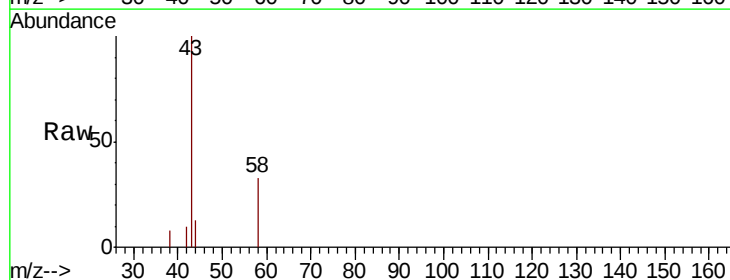
Acq: 4 Feb 2020 15:10

Tgt Ion: 43 Resp: 5699

Ion Ratio Lower Upper

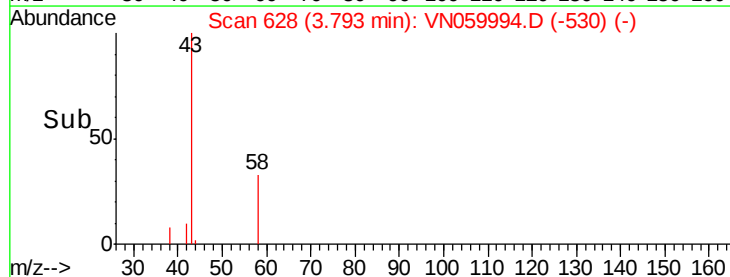
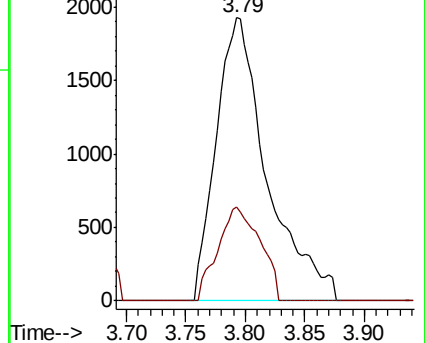
43 100

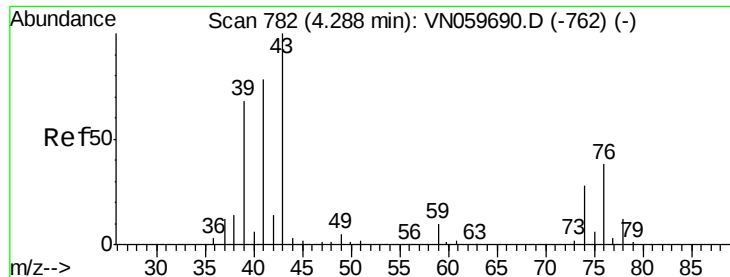
58 33.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059994.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN059994.D (-530) (-)

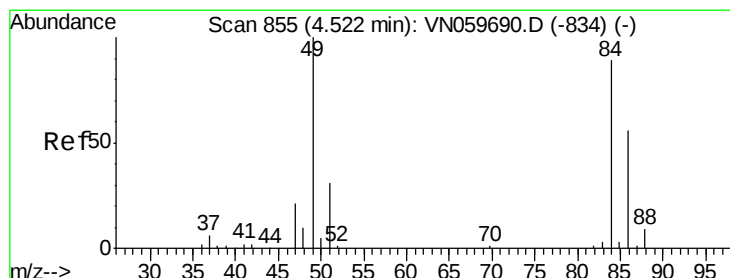
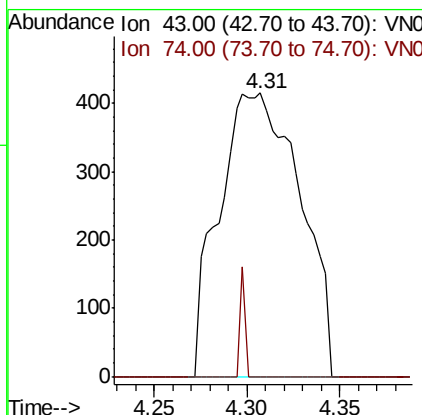
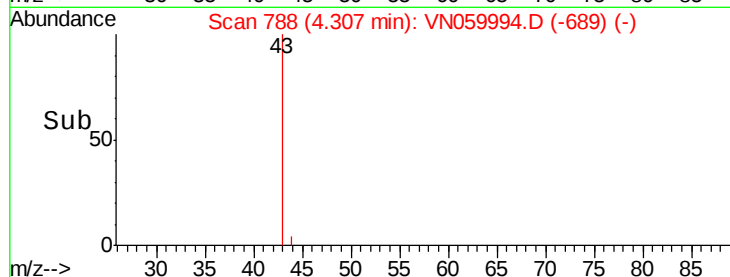
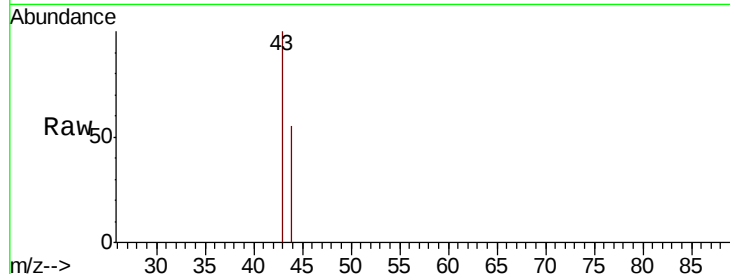




#18
Methyl Acetate
Concen: 0.471 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.02 min
Lab File: VN059994.D
Acq: 4 Feb 2020 15:10

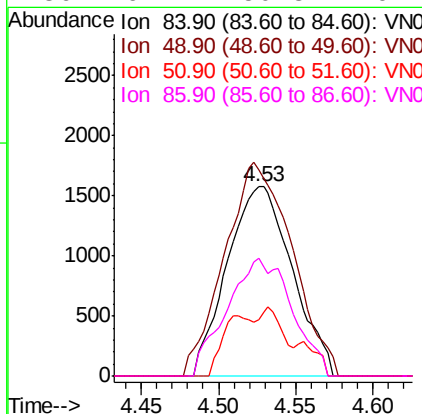
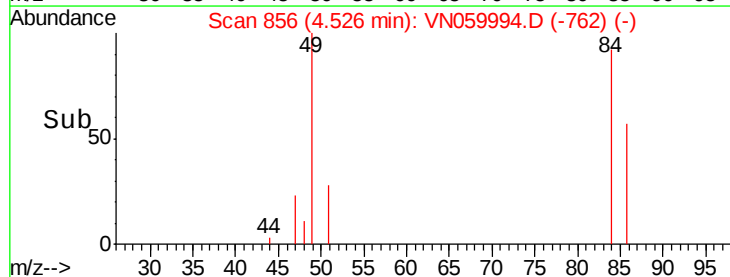
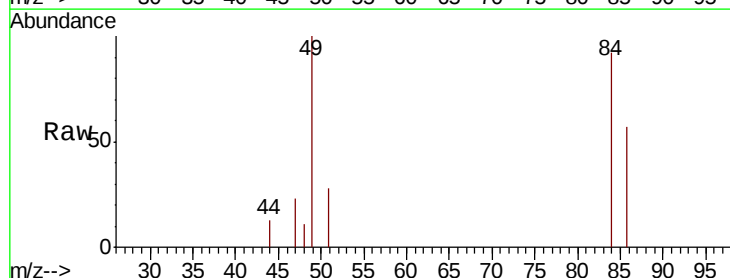
Instrument :
MSVOA_N
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HR-06-020320

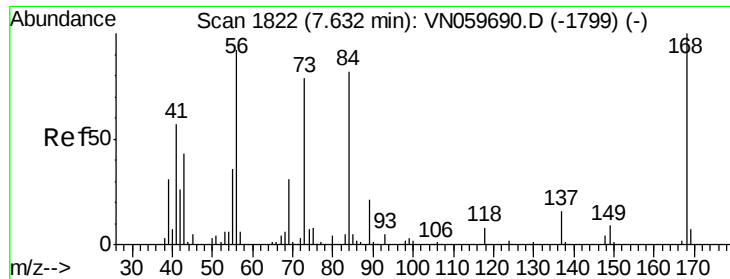
Tot Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
74 2.5 17.5 26.3#



#20
Methylene Chloride
Concen: 0.946 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059994.D
Acq: 4 Feb 2020 15:10

Tgt Ion: 84 Resp: 4606
Ion Ratio Lower Upper
84 100
49 109.1 106.6 160.0
51 30.1 31.9 47.9#
86 62.1 50.8 76.2

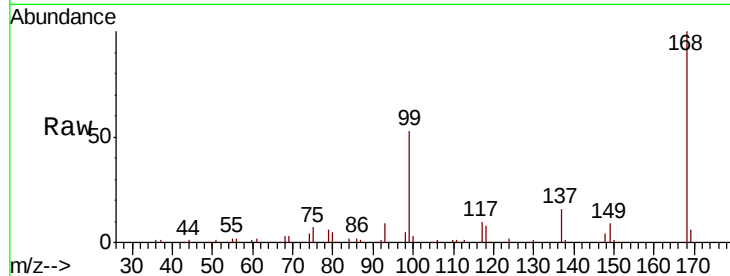




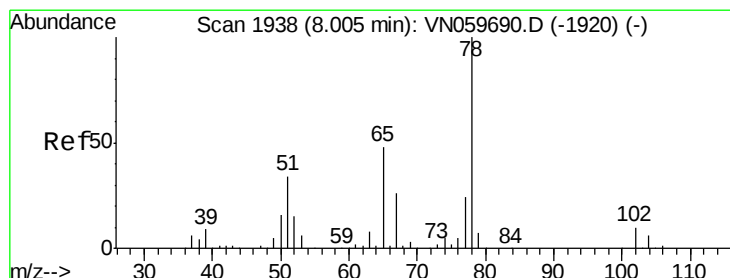
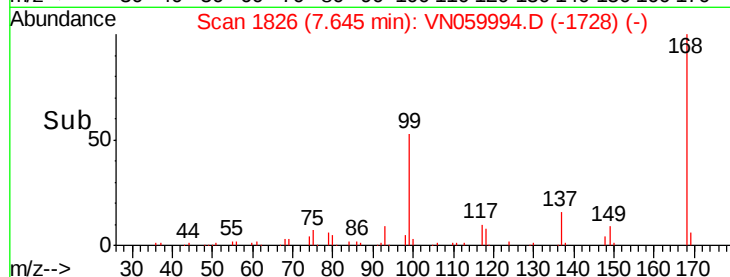
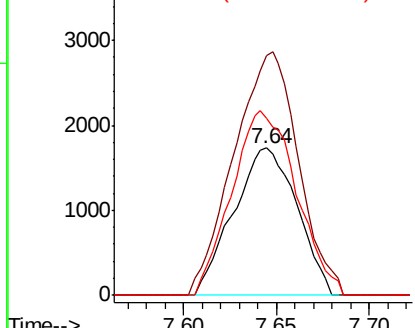
#31
Cyclohexane
Concen: 1.214 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059994.D
Acq: 4 Feb 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
HR-06-020320

Tot Ion: 56 Resp: 4126
Ion Ratio Lower Upper
56 100
69 162.4 26.5 39.7#
84 120.0 65.3 97.9#

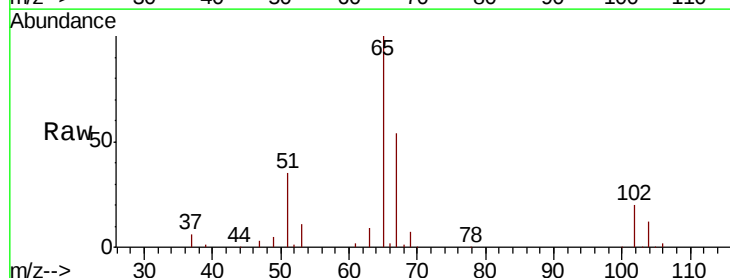


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

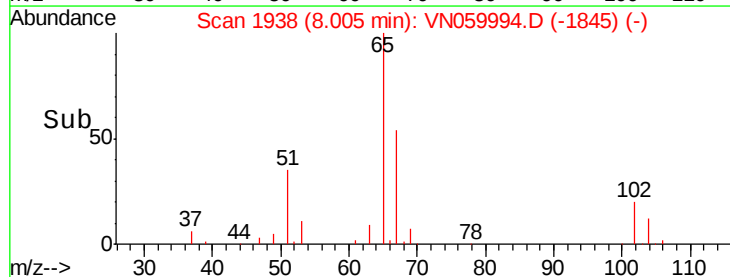
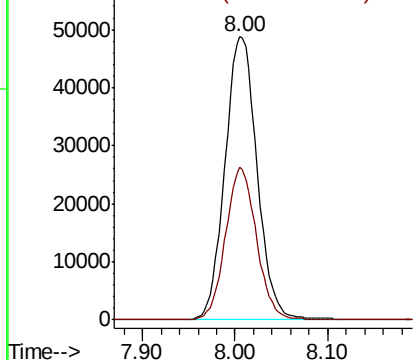


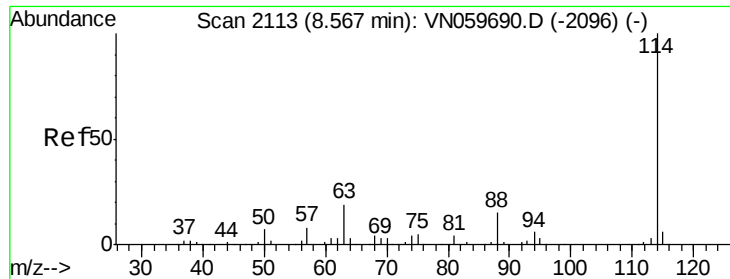
#33
1,2-Dichloroethane-d4
Concen: 51.020 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059994.D
Acq: 4 Feb 2020 15:10

Tgt Ion: 65 Resp: 117225
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

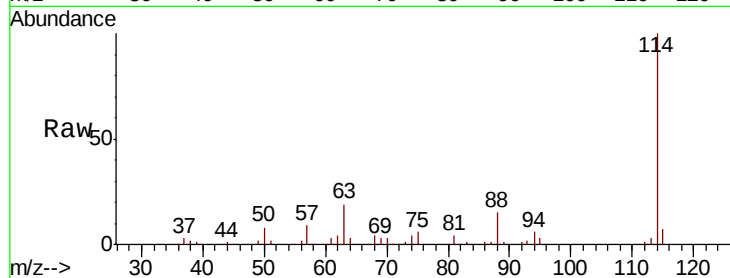




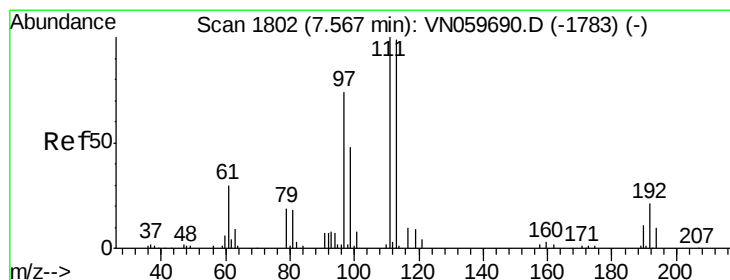
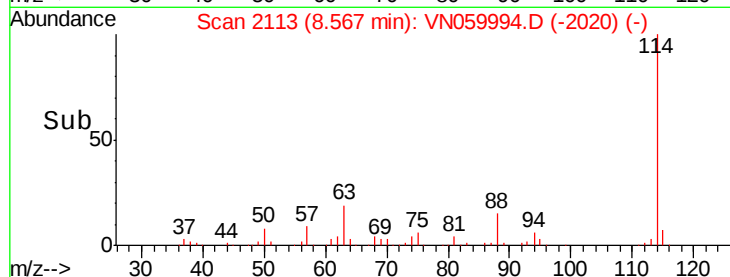
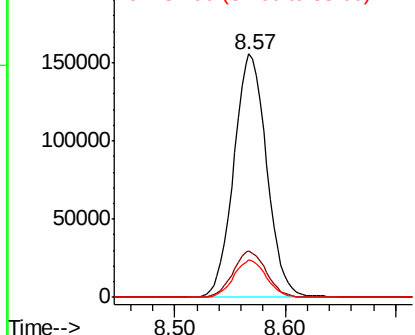
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059994.D
Acq: 4 Feb 2020 15:10

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Tot Ion:114 Resp: 322293
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.6
88 15.3 0.0 31.4

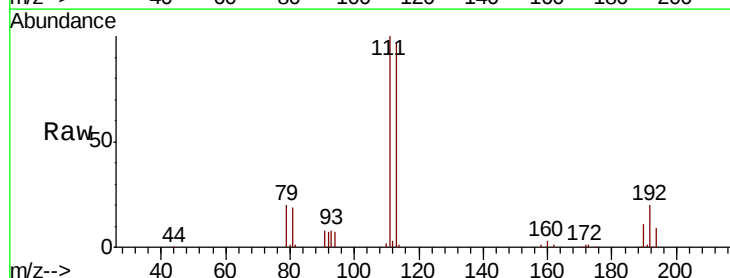


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

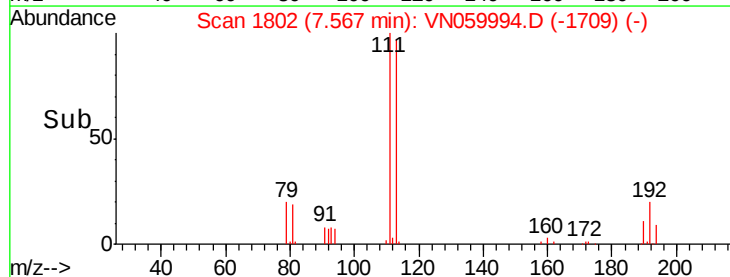
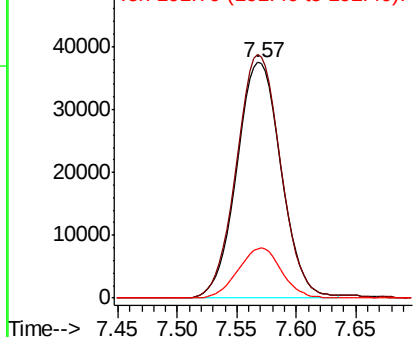


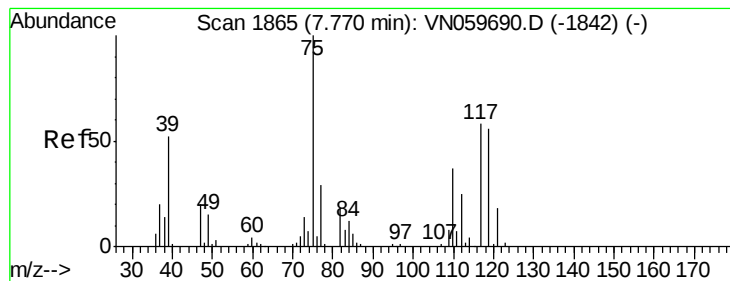
#35
Dibromofluoromethane
Concen: 50.446 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059994.D
Acq: 4 Feb 2020 15:10

Tgt Ion:113 Resp: 96955
Ion Ratio Lower Upper
113 100
111 102.7 83.5 125.3
192 20.8 15.4 23.2



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: 5.177 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.13 min

Lab File: VN059994.D

Acq: 4 Feb 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

HR-06-020320

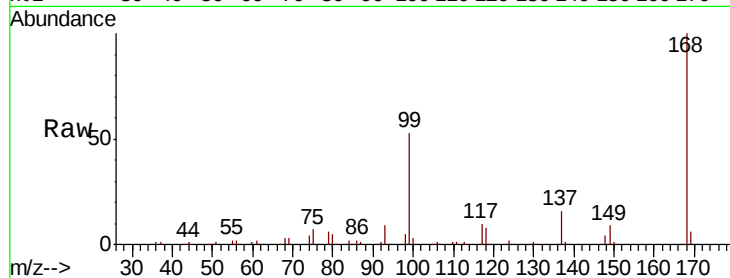
Tot Ion: 75 Resp: 14529

Ion Ratio Lower Upper

75 100

110 8.6 16.6 49.7#

77 0.0 25.1 37.7#

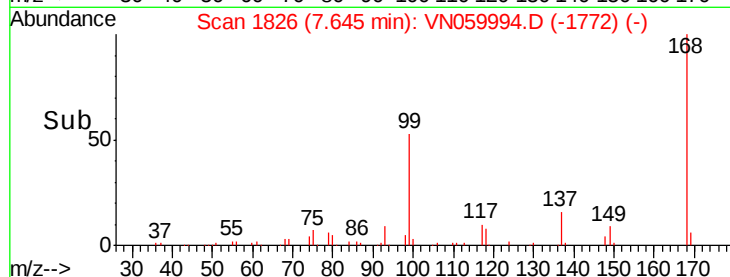


Abundance Ion 74.90 (74.60 to 75.60): VN059994.D (-1772) (-)

Ion 109.90 (109.60 to 110.60): VN059994.D (-1772) (-)

Ion 76.90 (76.60 to 77.60): VN059994.D (-1772) (-)

Time-->

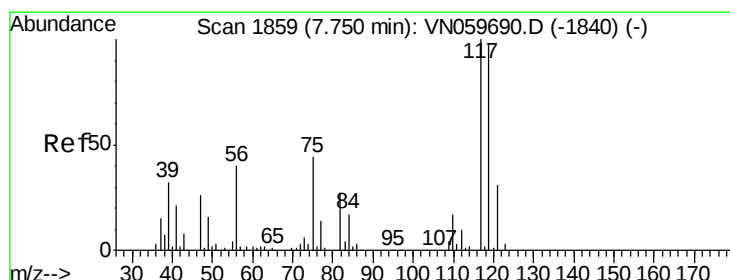


Abundance Ion 74.90 (74.60 to 75.60): VN059994.D (-1772) (-)

Ion 109.90 (109.60 to 110.60): VN059994.D (-1772) (-)

Ion 76.90 (76.60 to 77.60): VN059994.D (-1772) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.303 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059994.D

Acq: 4 Feb 2020 15:10

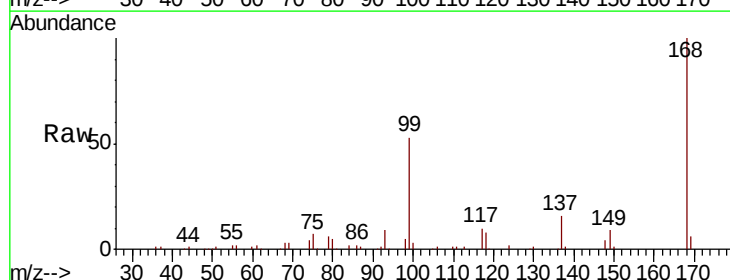
Tgt Ion: 117 Resp: 19242

Ion Ratio Lower Upper

117 100

119 3.8 76.5 114.7#

121 0.0 25.1 37.7#

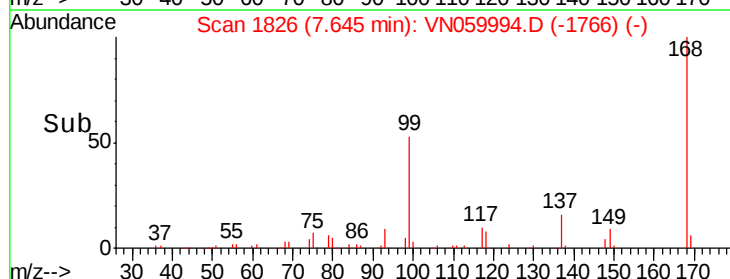


Abundance Ion 116.80 (116.50 to 117.50): VN059994.D (-1766) (-)

Ion 118.80 (118.50 to 119.50): VN059994.D (-1766) (-)

Ion 120.80 (120.50 to 121.50): VN059994.D (-1766) (-)

Time-->

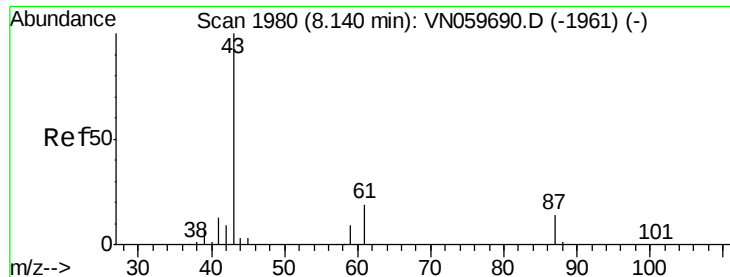


Abundance Ion 116.80 (116.50 to 117.50): VN059994.D (-1766) (-)

Ion 118.80 (118.50 to 119.50): VN059994.D (-1766) (-)

Ion 120.80 (120.50 to 121.50): VN059994.D (-1766) (-)

Time-->



#43

Isopropyl Acetate

Concen: 10.454 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059994.D

Acq: 4 Feb 2020 15:10

Instrument :

MSVOA_N

ClientSampled :

HR-06-020320

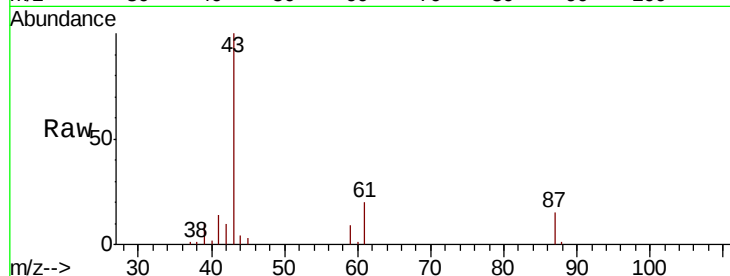
Tot Ion: 43 Resp: 47332

Ion Ratio Lower Upper

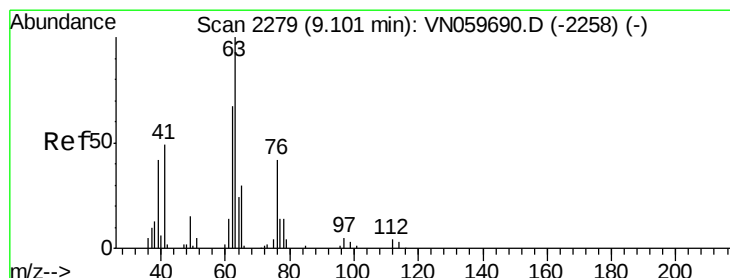
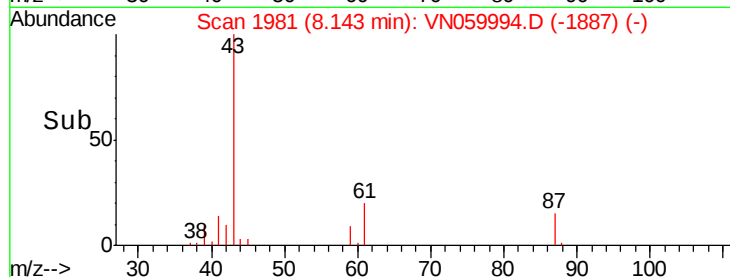
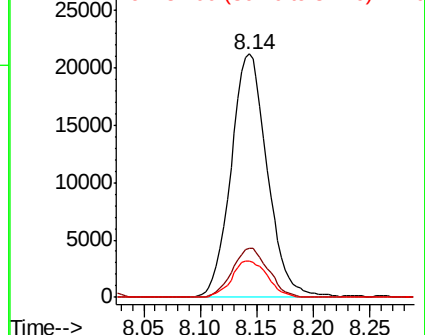
43 100

61 20.0 20.2 30.2#

87 14.7 9.5 14.3#



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



#45

1,2-Dichloropropane

Concen: 0.548 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.15 min

Lab File: VN059994.D

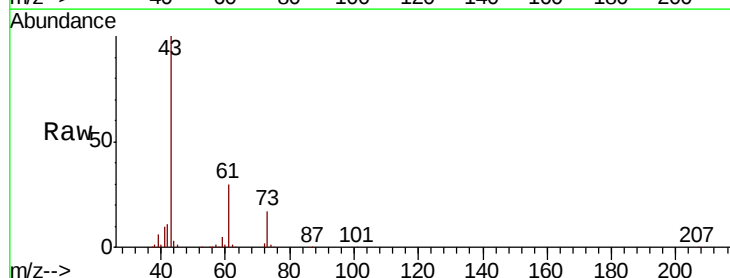
Acq: 4 Feb 2020 15:10

Tgt Ion: 63 Resp: 1136

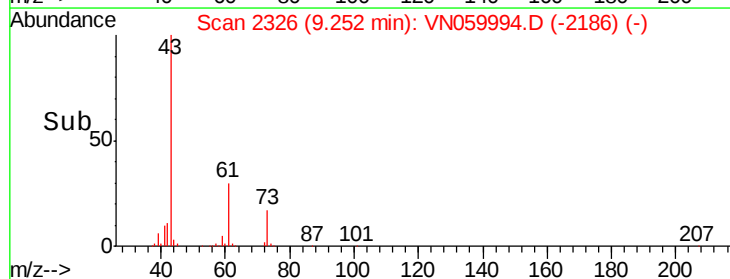
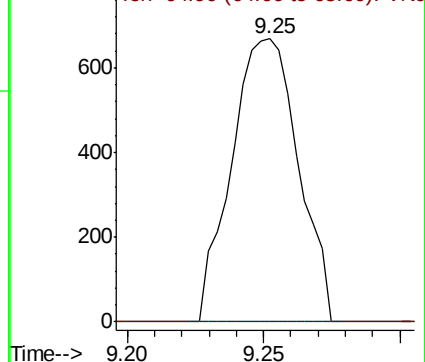
Ion Ratio Lower Upper

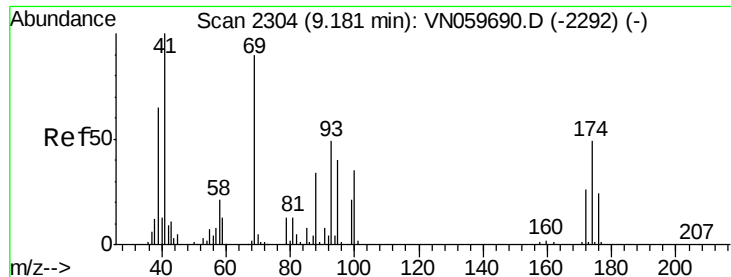
63 100

65 0.0 24.9 37.3#



Abundance Ion 62.90 (62.60 to 63.60): VNO
Ion 64.90 (64.60 to 65.60): VNO

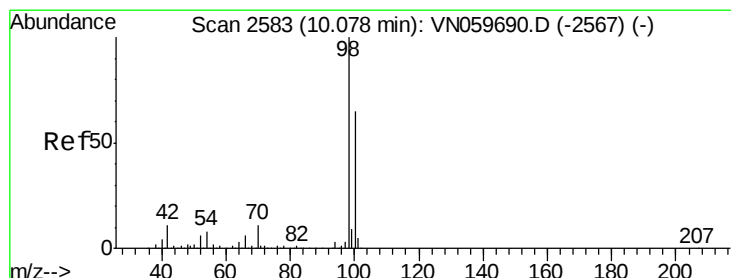
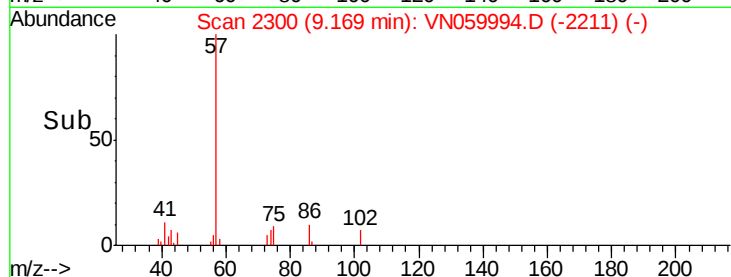
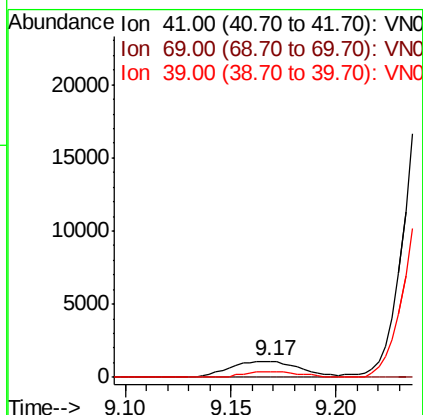
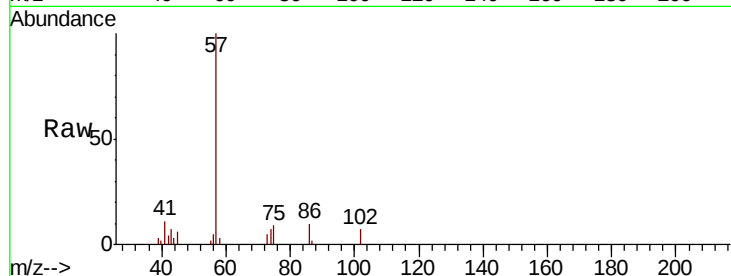




#48
Methvl methacrylate
Concen: 1.257 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.01 min
Lab File: VN059994.D
Acq: 4 Feb 2020 15:10

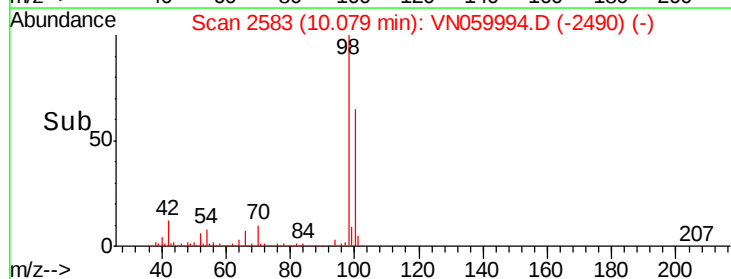
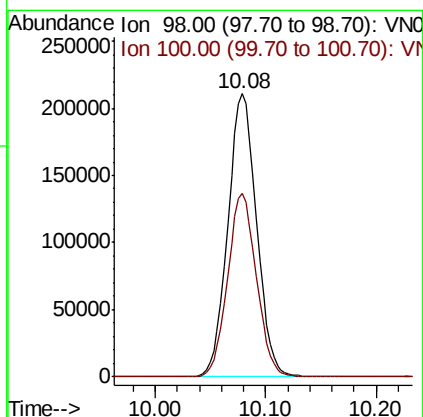
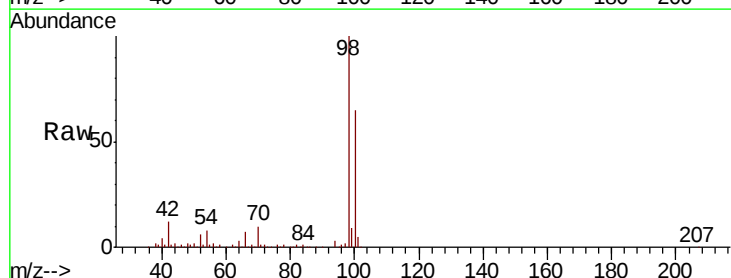
Instrument :
MSVOA_N
ClientSampleId :
HR-06-020320

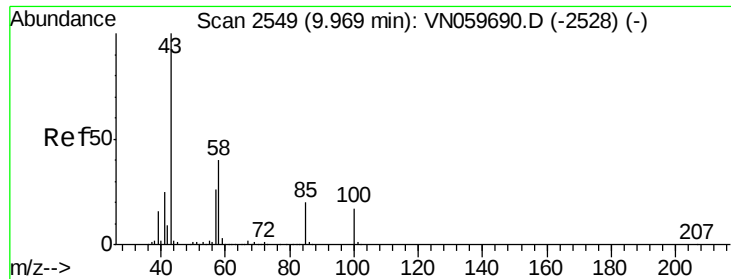
Tot Ion: 41 Resp: 2545
Ion Ratio Lower Upper
41 100
69 0.0 64.4 96.6#
39 0.0 51.3 76.9#



#50
Toluene-d8
Concen: 51.197 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059994.D
Acq: 4 Feb 2020 15:10

Tgt Ion: 98 Resp: 381247
Ion Ratio Lower Upper
98 100
100 64.9 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 1.388 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059994.D

Acq: 4 Feb 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

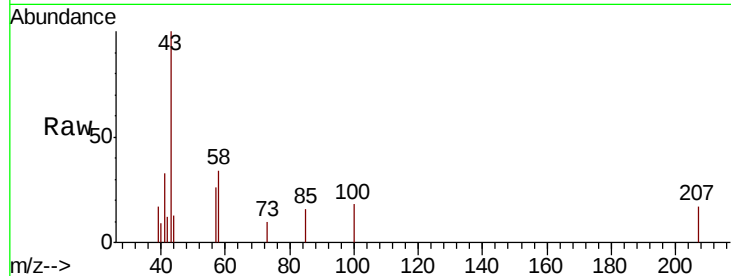
HR-06-020320

Tot Ion: 43 Resp: 3634

Ion Ratio Lower Upper

43 100

58 30.5 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN059690.D (-2528) (-)

10000

8000

6000

4000

2000

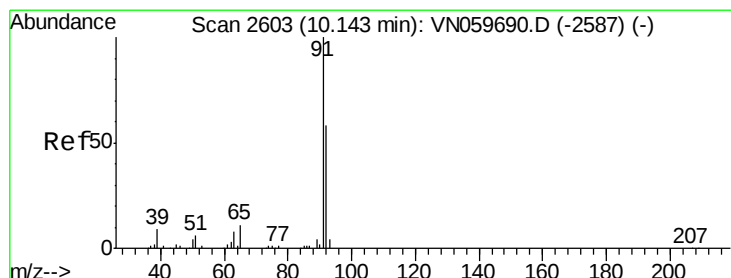
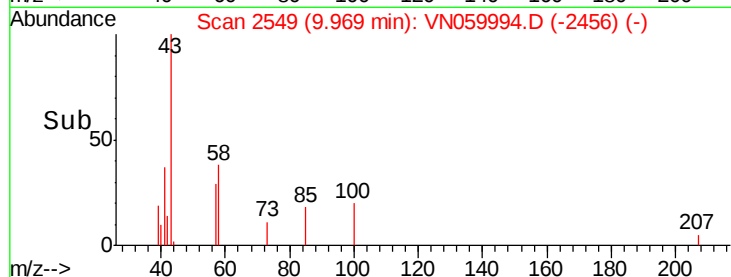
0

9.95

9.97

10.00

Time-->



#52

Toluene

Concen: 0.343 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059994.D

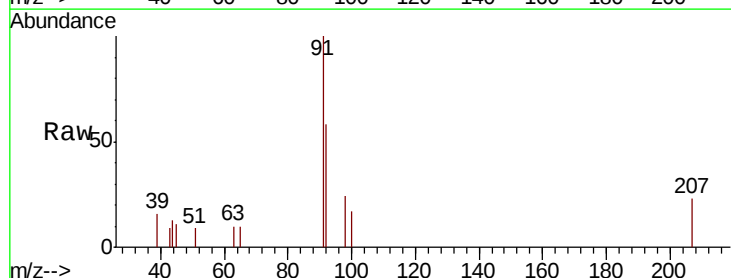
Acq: 4 Feb 2020 15:10

Tgt Ion: 92 Resp: 1814

Ion Ratio Lower Upper

92 100

91 175.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VN059690.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN059690.D (-2587) (-)

2000

1500

1000

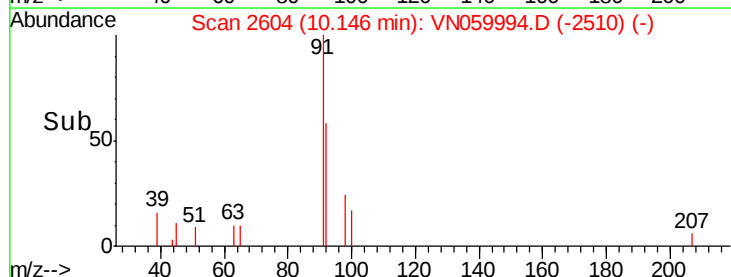
500

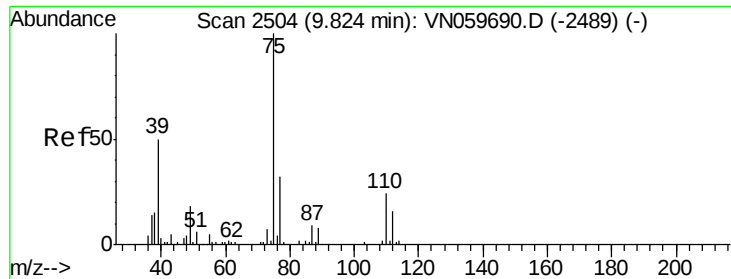
0

10.10

10.15

Time-->

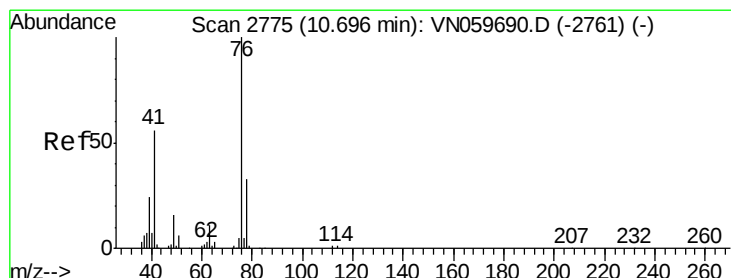
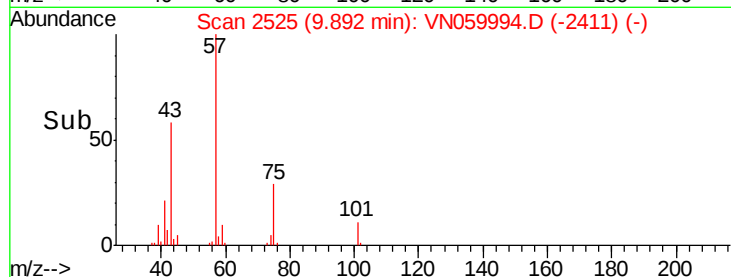
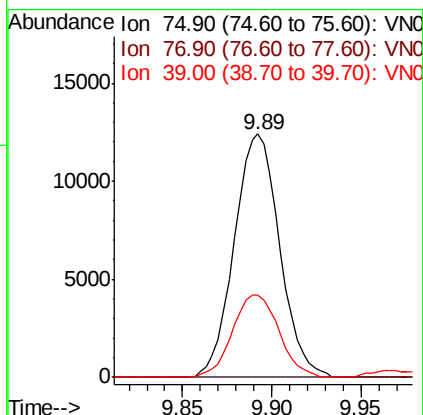
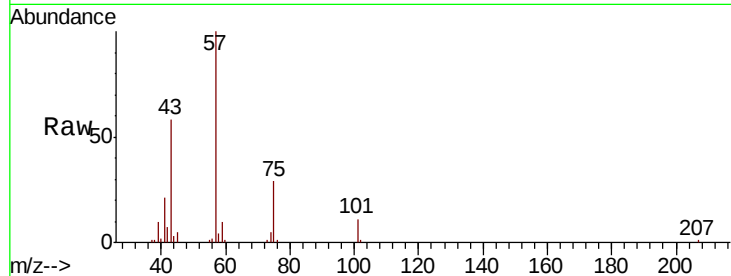




#54
 cis-1,3-Dichloropropene
 Concen: 6.333 ug/l
 RT: 9.89 min Scan# 2525
 Delta R.T. 0.07 min
 Lab File: VN059994.D
 Acq: 4 Feb 2020 15:10

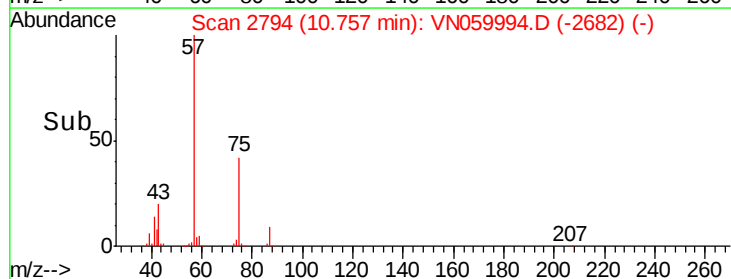
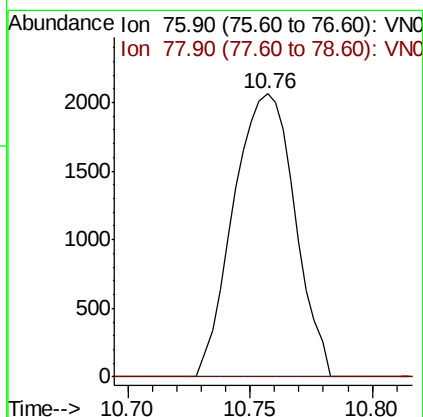
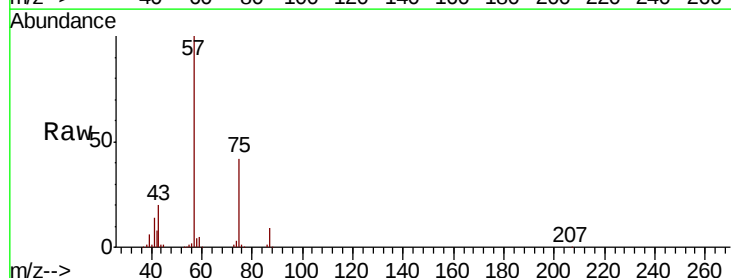
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-020320

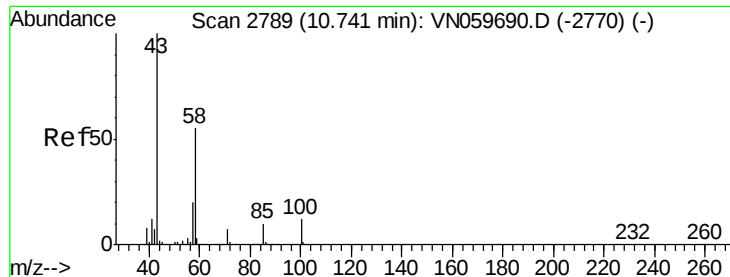
Tot Ion: 75 Resp: 21908
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.1 37.7#
 39 33.6 46.1 69.1#



#57
 1,3-Dichloropropane
 Concen: 1.084 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.06 min
 Lab File: VN059994.D
 Acq: 4 Feb 2020 15:10

Tgt Ion: 76 Resp: 3605
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#

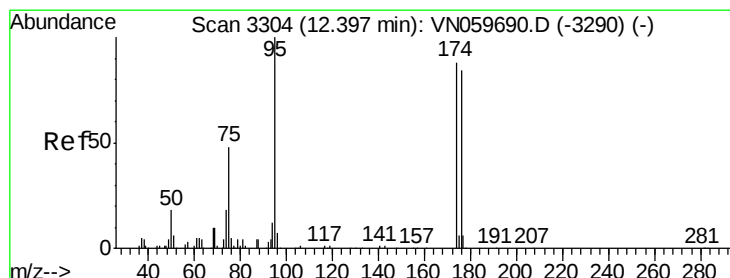
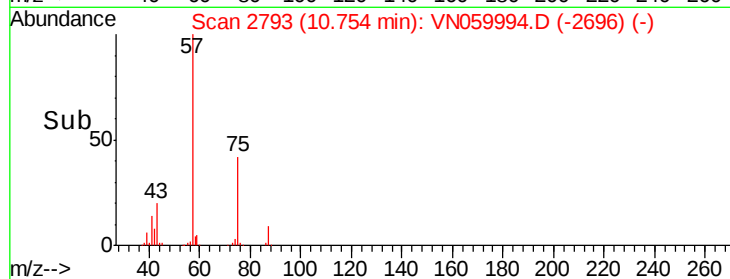
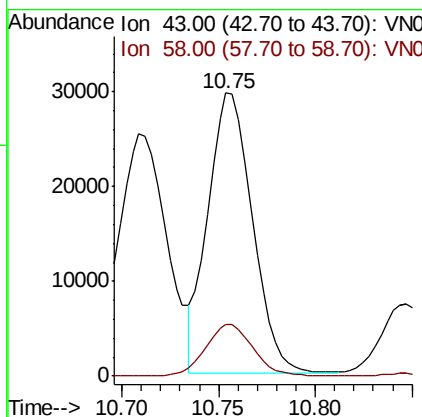
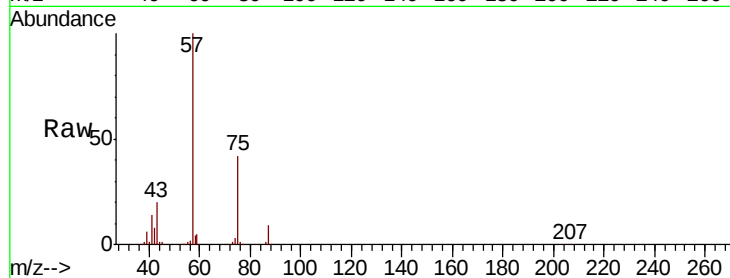




#59
2-Hexanone
Concen: 24.687 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.01 min
Lab File: VN059994.D
Acq: 4 Feb 2020 15:10

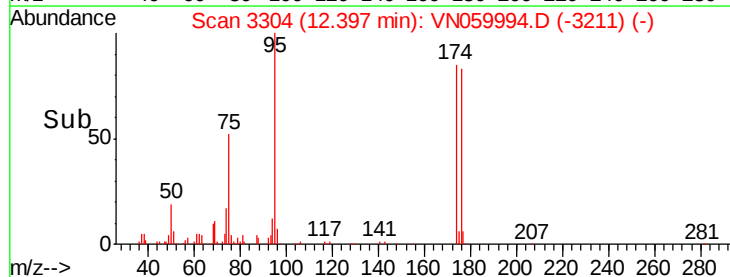
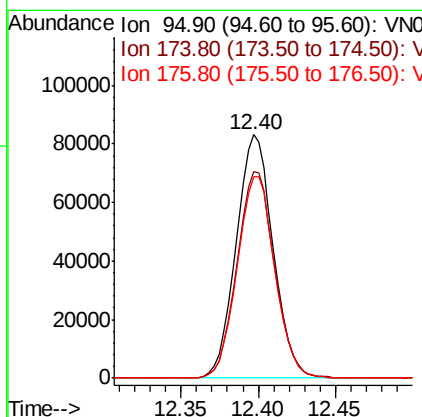
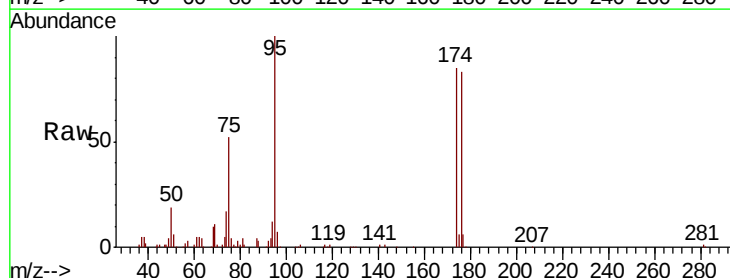
Instrument :
MSVOA_N
ClientSampleId :
HR-06-020320

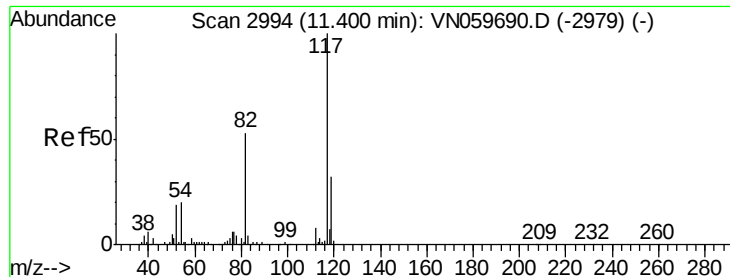
Tot Ion: 43 Resp: 47603
Ion Ratio Lower Upper
43 100
58 19.5 25.8 77.3#



#62
4-Bromofluorobenzene
Concen: 51.204 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059994.D
Acq: 4 Feb 2020 15:10

Tgt Ion: 95 Resp: 137459
Ion Ratio Lower Upper
95 100
174 86.7 0.0 151.4
176 84.6 0.0 146.0

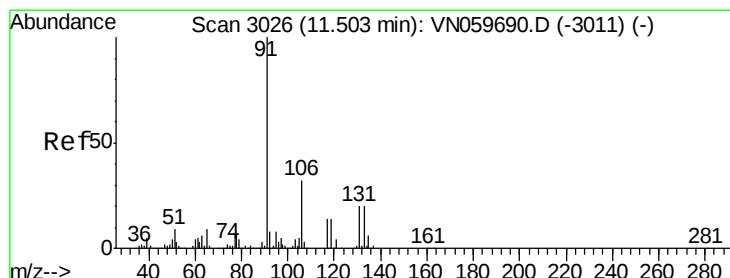
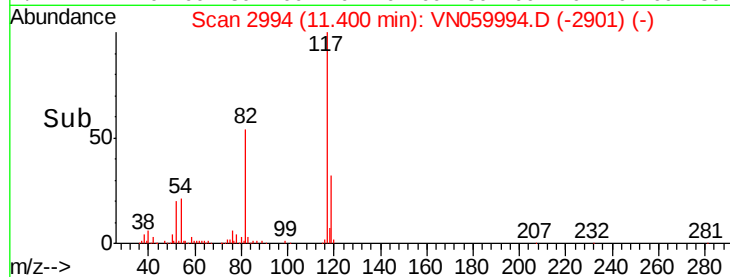
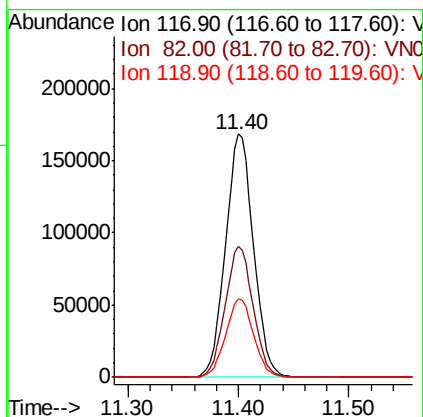
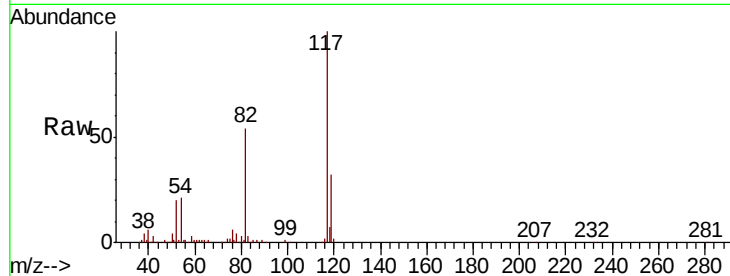




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059994.D
Acq: 4 Feb 2020 15:10

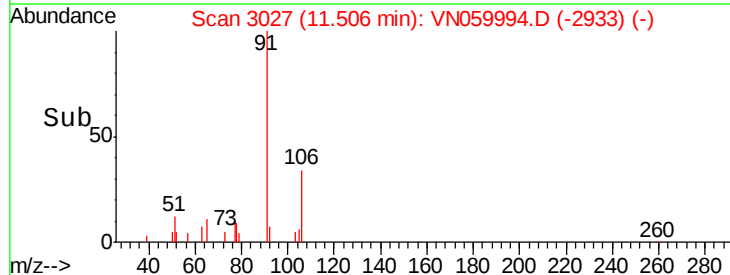
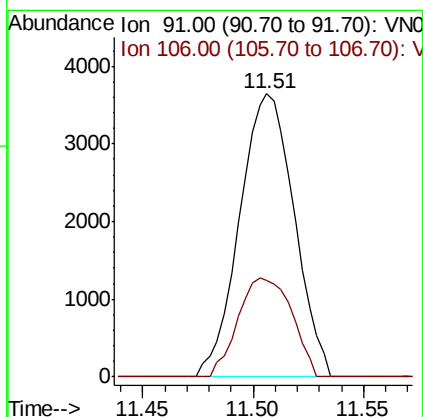
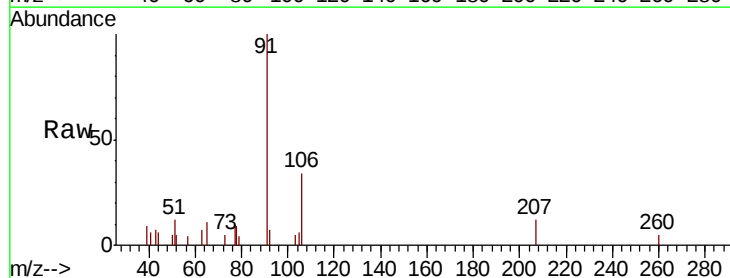
Instrument :
MSVOA_N
ClientSampled :
HR-06-020320

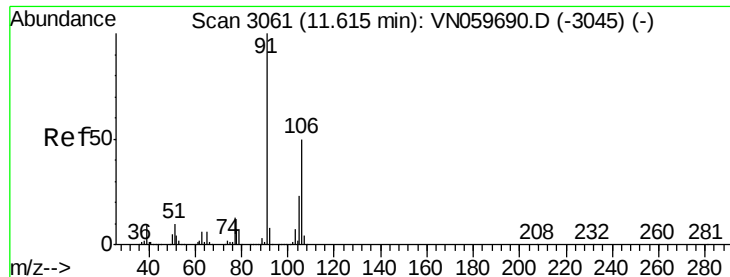
Tot Ion:117 Resp: 295620
Ion Ratio Lower Upper
117 100
82 53.8 45.9 68.9
119 32.3 25.5 38.3



#67
Ethyl Benzene
Concen: 0.592 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059994.D
Acq: 4 Feb 2020 15:10

Tgt Ion: 91 Resp: 6243
Ion Ratio Lower Upper
91 100
106 34.1 24.1 36.1





#68

m/p-Xylenes

Concen: 2.264 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN059994.D

Acq: 4 Feb 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

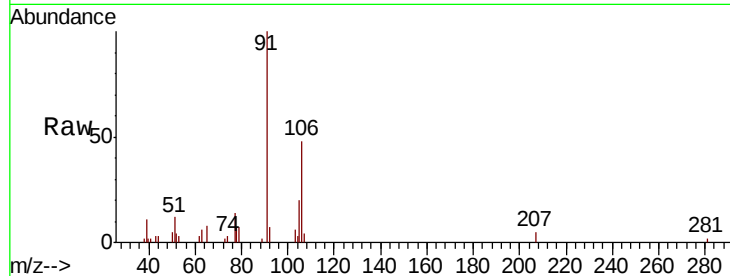
HR-06-020320

Tot Ion:106 Resp: 9022

Ion Ratio Lower Upper

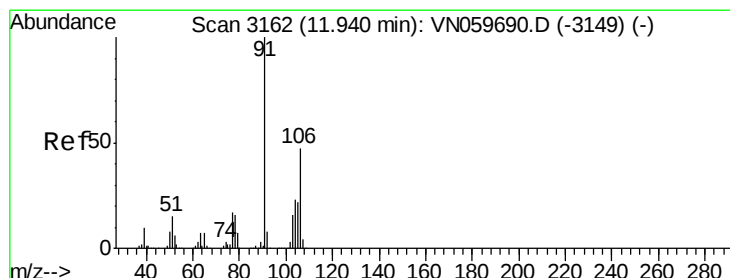
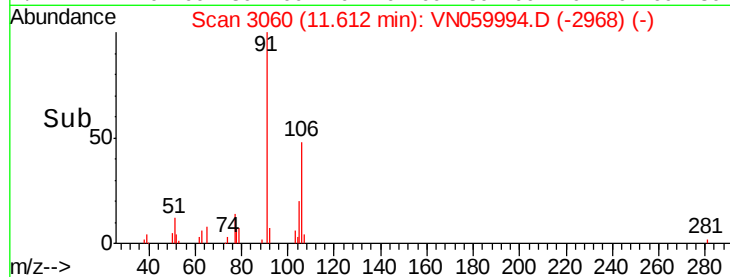
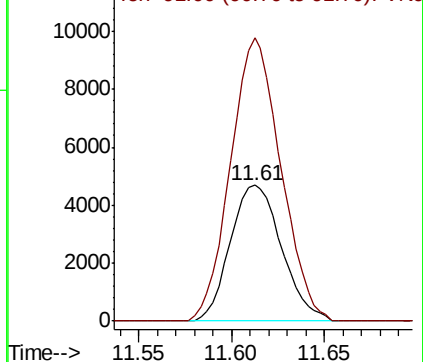
106 100

91 203.2 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 2.937 ug/l

RT: 11.94 min Scan# 3163

Delta R.T. 0.00 min

Lab File: VN059994.D

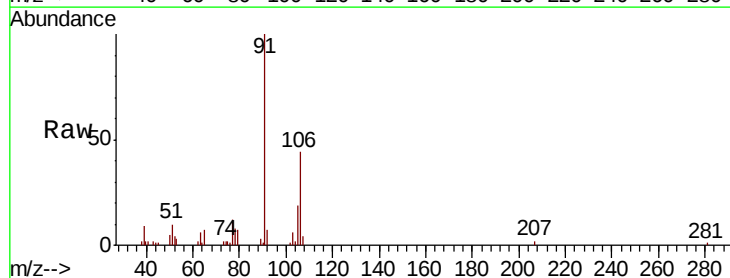
Acq: 4 Feb 2020 15:10

Tgt Ion:106 Resp: 11455

Ion Ratio Lower Upper

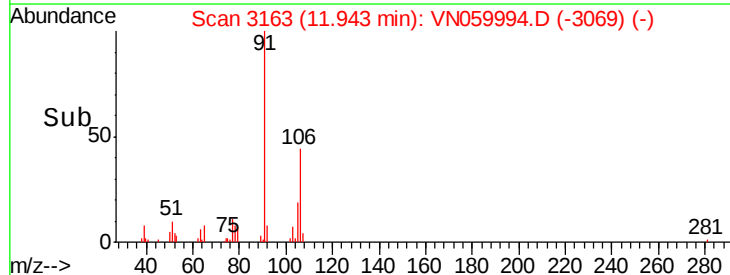
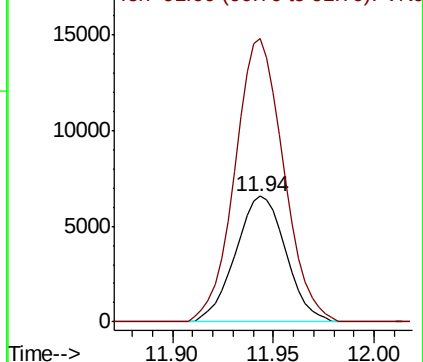
106 100

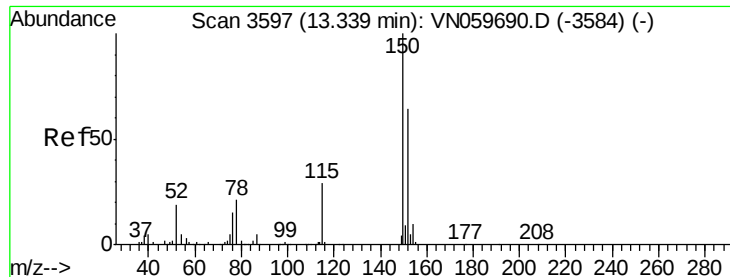
91 218.3 110.3 330.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059994.D

Acq: 4 Feb 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

HR-06-020320

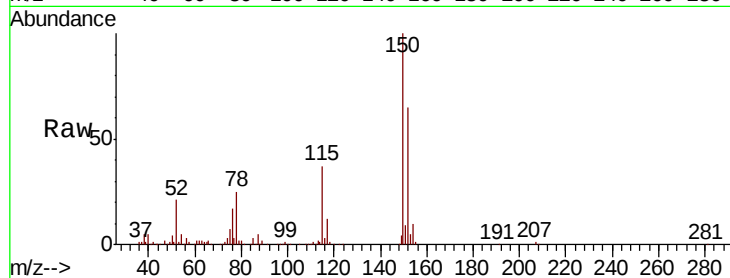
Tot Ion:152 Resp: 140004

Ion Ratio Lower Upper

152 100

115 60.0 30.3 90.9

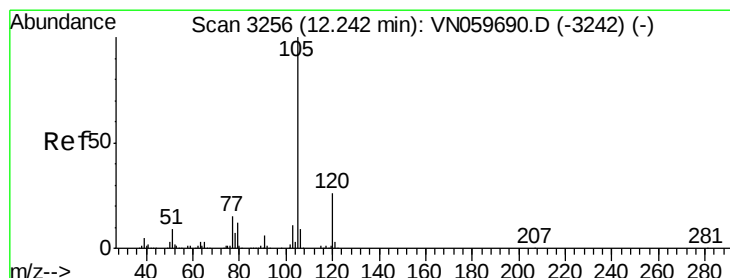
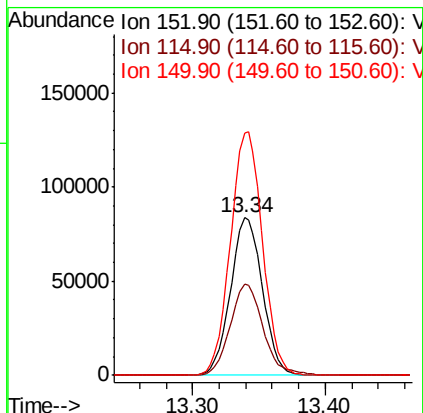
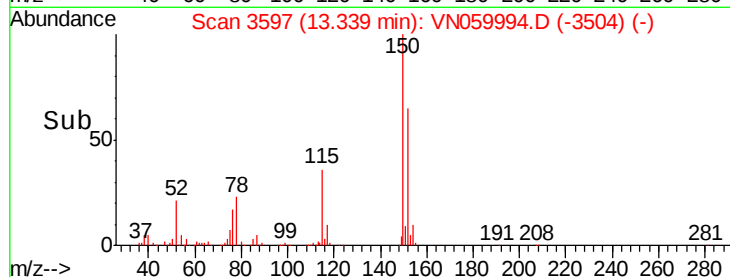
150 154.9 0.0 345.2



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: 0.308 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.01 min

Lab File: VN059994.D

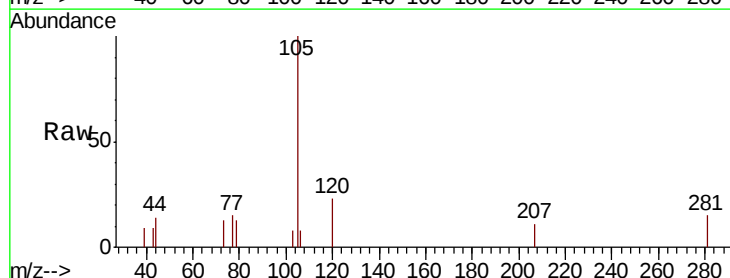
Acq: 4 Feb 2020 15:10

Tgt Ion:105 Resp: 3164

Ion Ratio Lower Upper

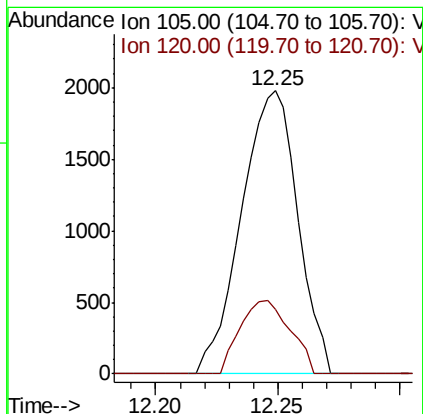
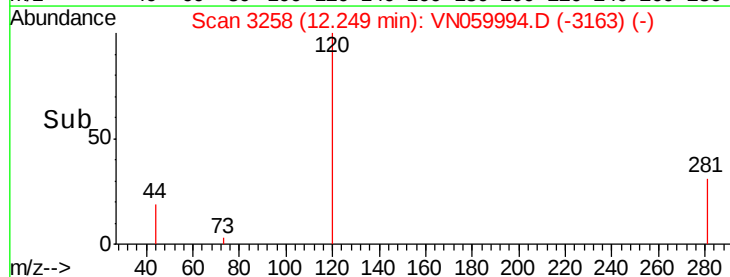
105 100

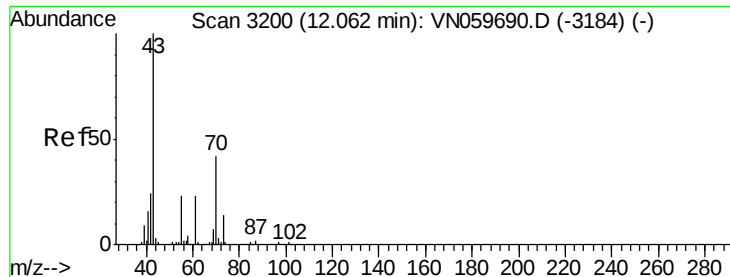
120 23.2 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.982 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.03 min

Lab File: VN059994.D

Acq: 4 Feb 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

HR-06-020320

Tot Ion: 43 Resp: 3911

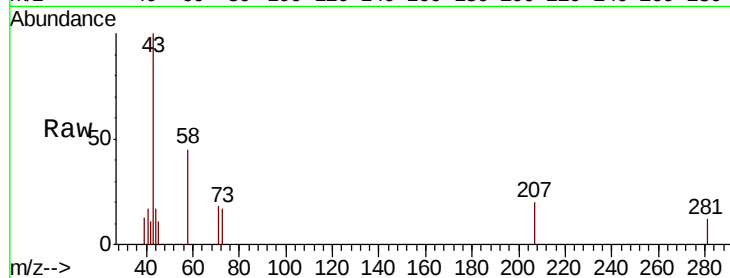
Ion Ratio Lower Upper

43 100

70 0.0 31.3 46.9#

55 0.0 19.8 29.6#

61 0.0 18.3 27.5#

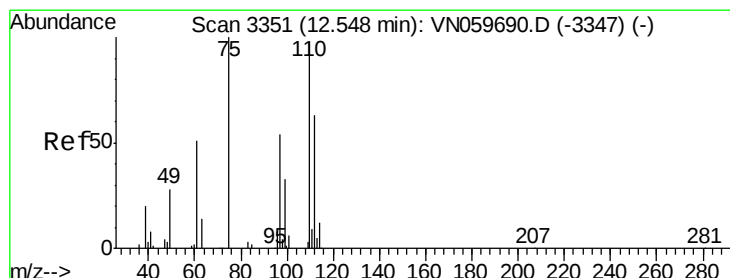
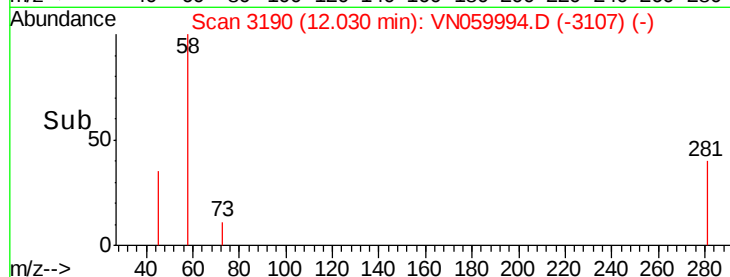
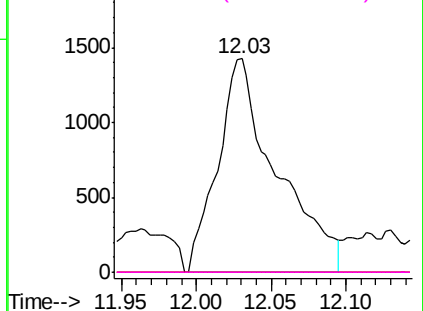


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#76

1,2,3-Trichloropropane

Concen: 30.164 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059994.D

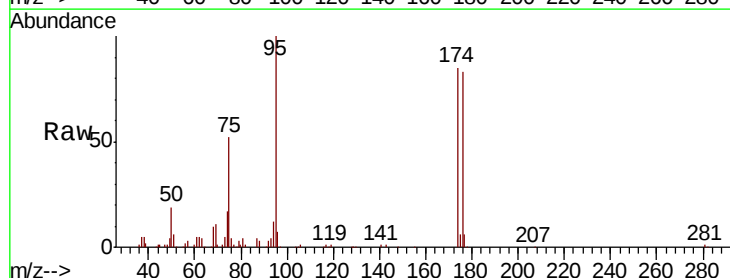
Acq: 4 Feb 2020 15:10

Tgt Ion: 75 Resp: 71070

Ion Ratio Lower Upper

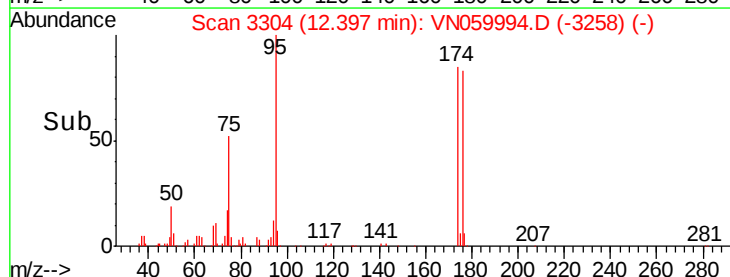
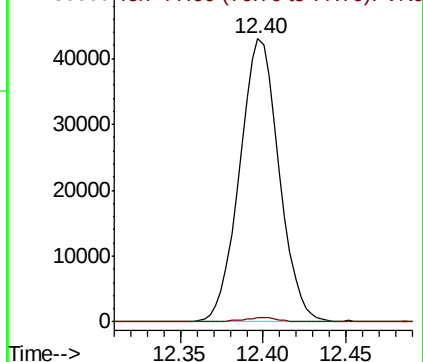
75 100

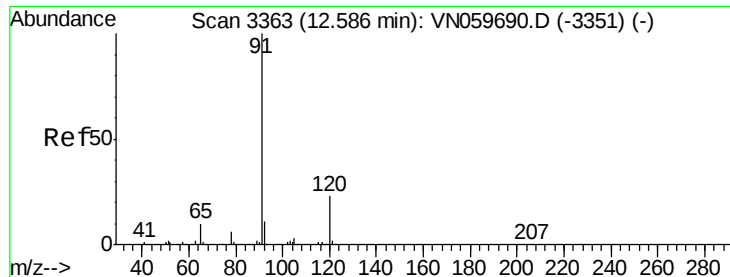
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.641 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN059994.D

Acq: 4 Feb 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

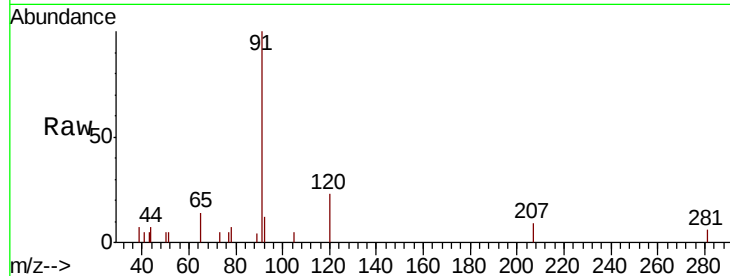
HR-06-020320

Tot Ion: 91 Resp: 7391

Ion Ratio Lower Upper

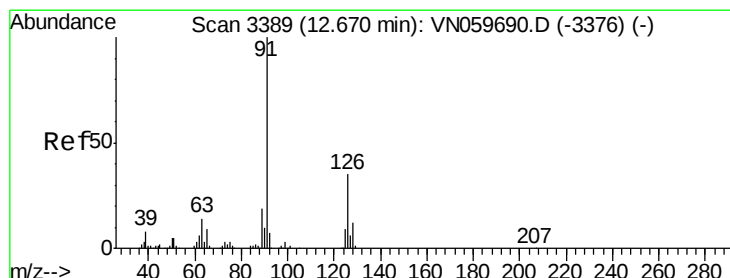
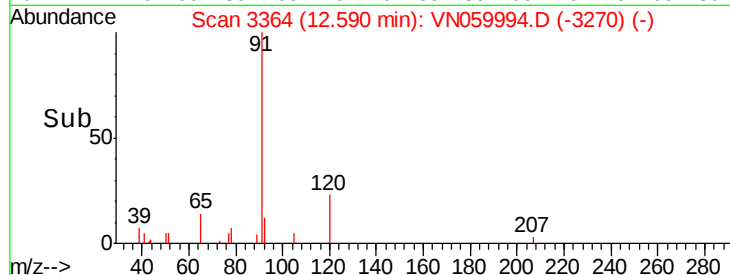
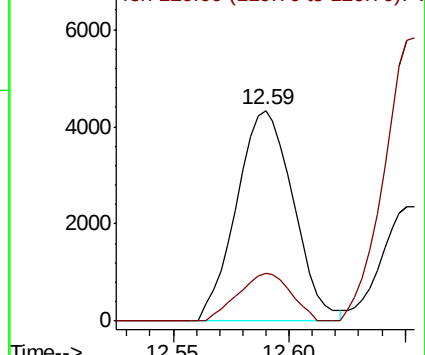
91 100

120 21.2 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.530 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN059994.D

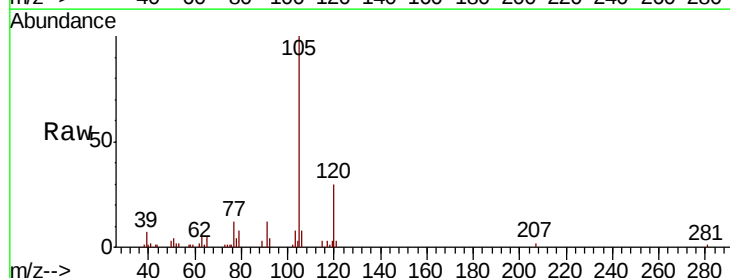
Acq: 4 Feb 2020 15:10

Tgt Ion: 91 Resp: 3631

Ion Ratio Lower Upper

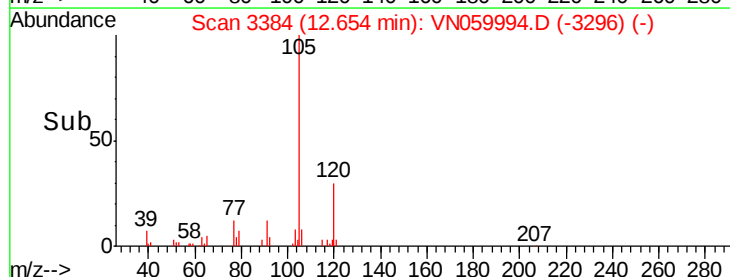
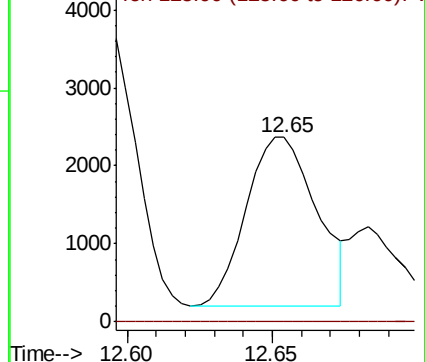
91 100

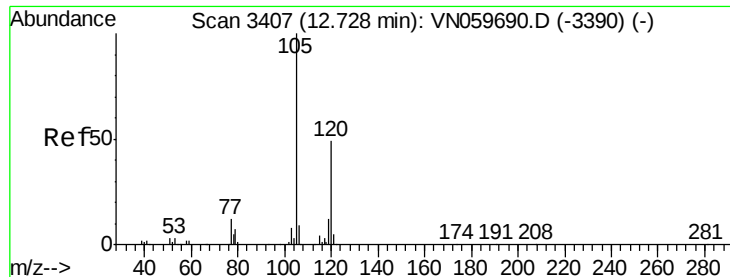
126 0.0 16.3 48.9#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

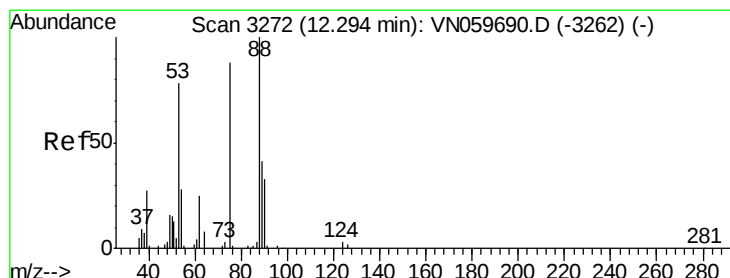
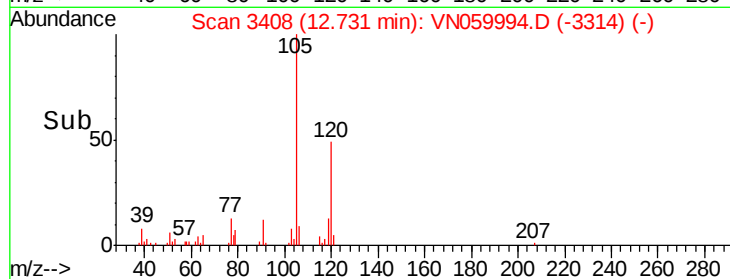
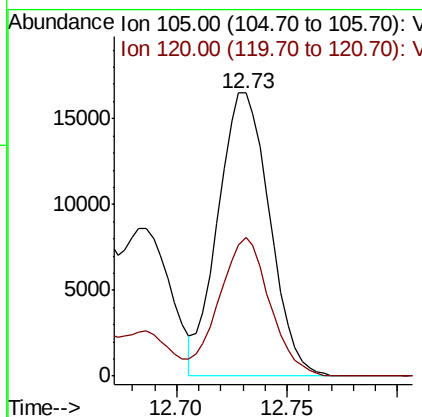
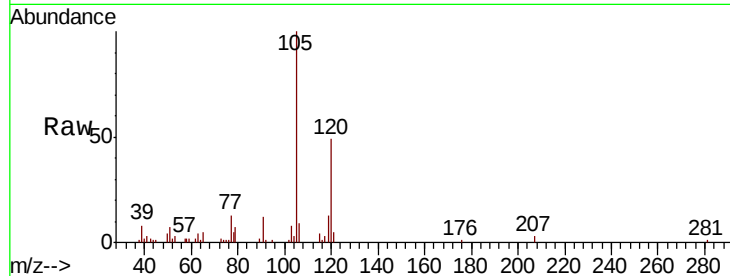




#80
 1,3,5-Trimethylbenzene
 Concen: 3.107 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN059994.D
 Acq: 4 Feb 2020 15:10

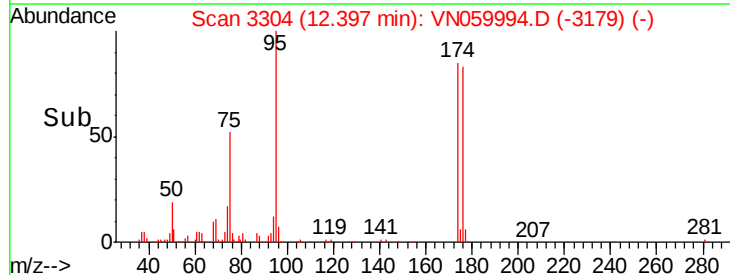
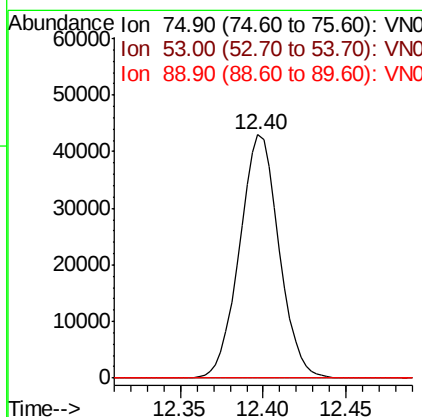
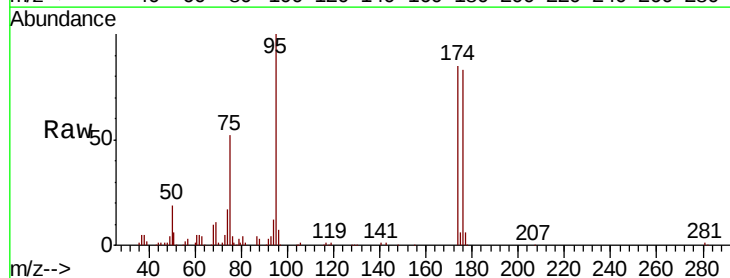
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-020320

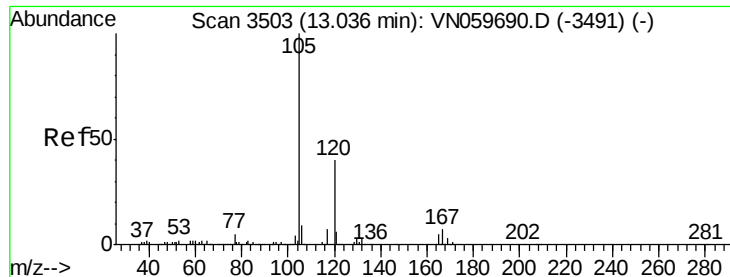
Tot Ion:105 Resp: 26828
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.777 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.10 min
 Lab File: VN059994.D
 Acq: 4 Feb 2020 15:10

Tgt Ion: 75 Resp: 71070
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.1 117.1#
 89 0.0 35.4 53.2#

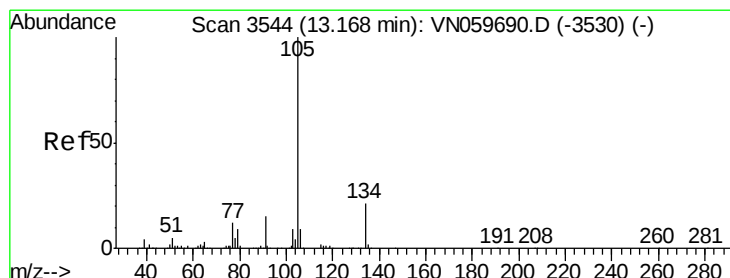
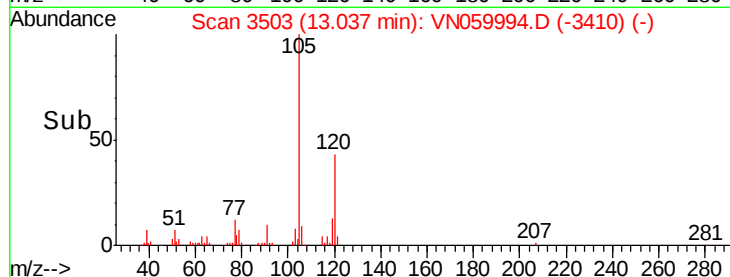
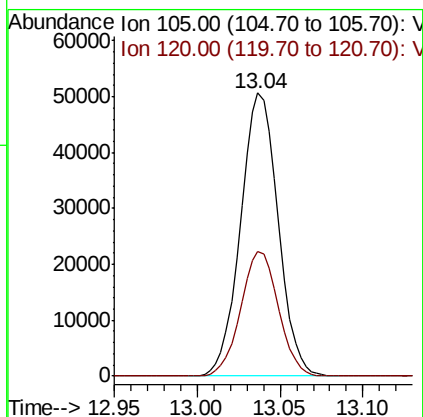
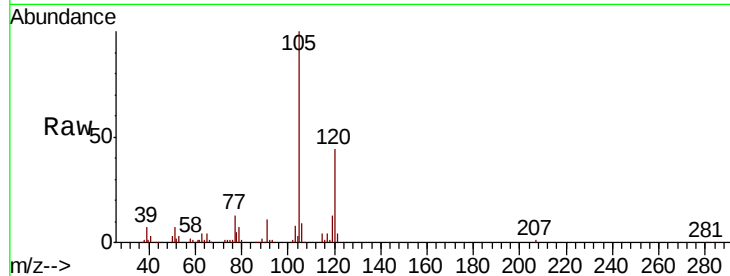




#84
 1,2,4-Trimethylbenzene
 Concen: 9.322 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059994.D
 Acq: 4 Feb 2020 15:10

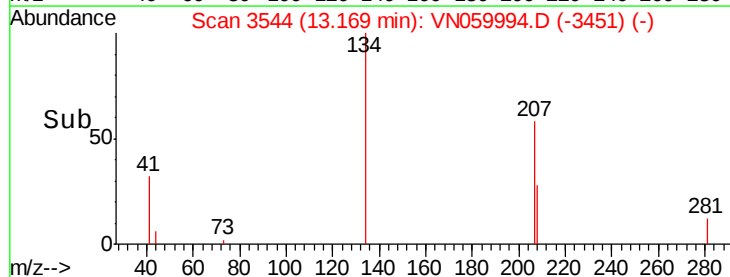
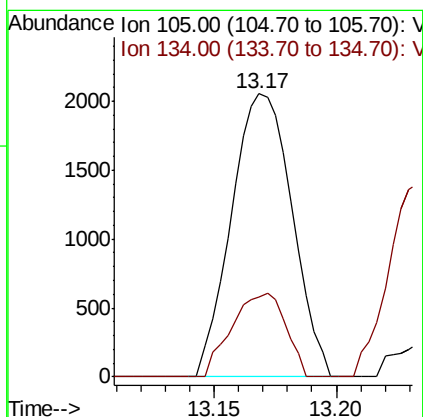
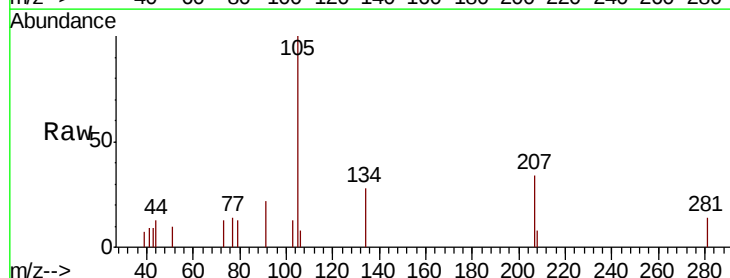
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-020320

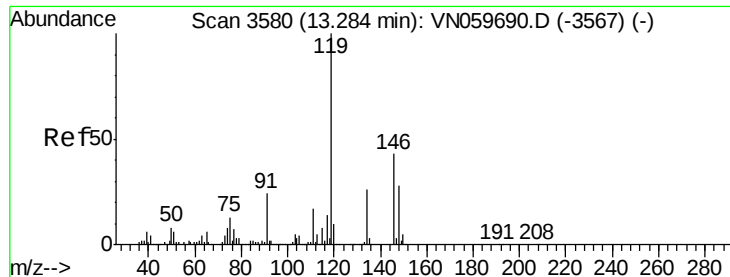
Tot Ion:105 Resp: 79639
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.3 66.9



#85
 sec-Butylbenzene
 Concen: 0.361 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059994.D
 Acq: 4 Feb 2020 15:10

Tgt Ion:105 Resp: 3545
 Ion Ratio Lower Upper
 105 100
 134 26.2 9.8 29.5

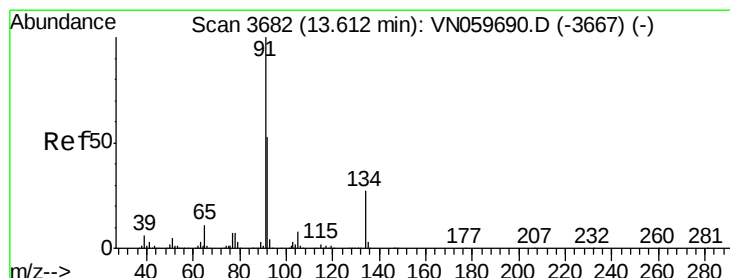
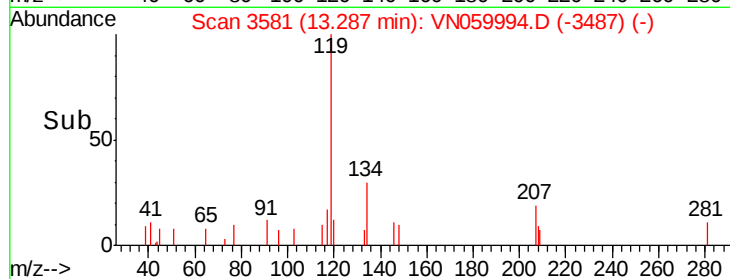
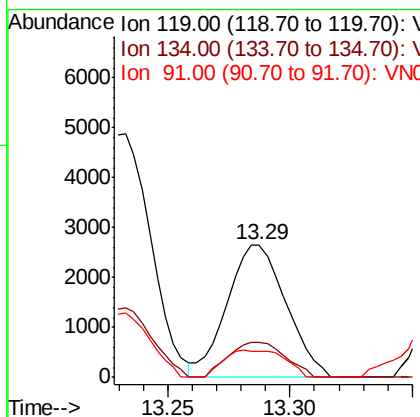
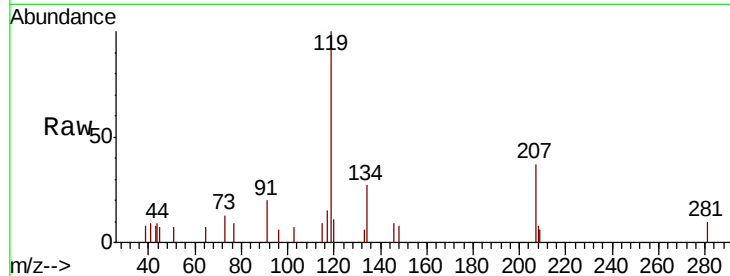




#86
 p-Isopropyltoluene
 Concen: 0.491 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059994.D
 Acq: 4 Feb 2020 15:10

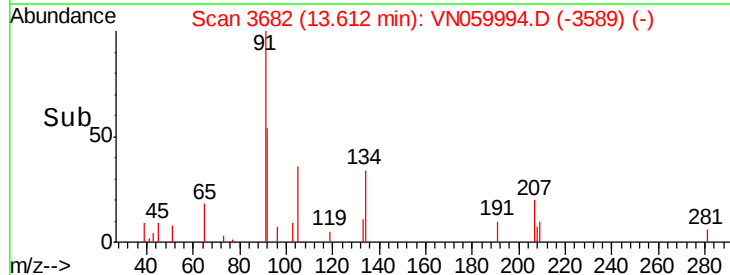
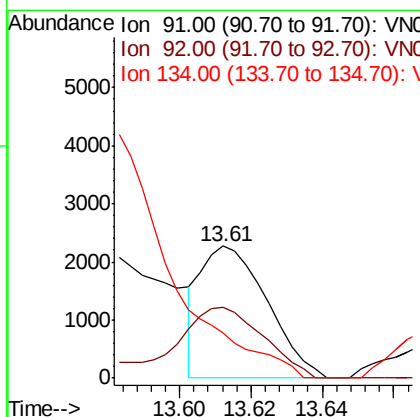
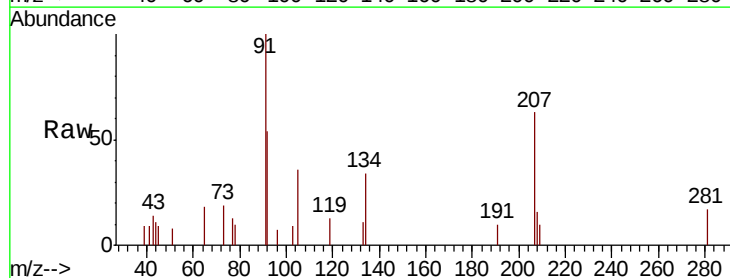
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-020320

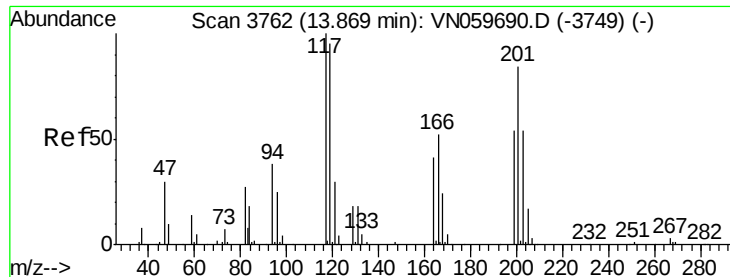
Tot Ion:119 Resp: 4462
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.7
 91 21.1 12.4 37.4



#89
 n-Butylbenzene
 Concen: 0.378 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN059994.D
 Acq: 4 Feb 2020 15:10

Tgt Ion: 91 Resp: 2927
 Ion Ratio Lower Upper
 91 100
 92 77.9 25.9 77.7#
 134 0.0 12.3 36.8#





#90

Hexachloroethane

Concen: 1.190 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN059994.D

Acq: 4 Feb 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

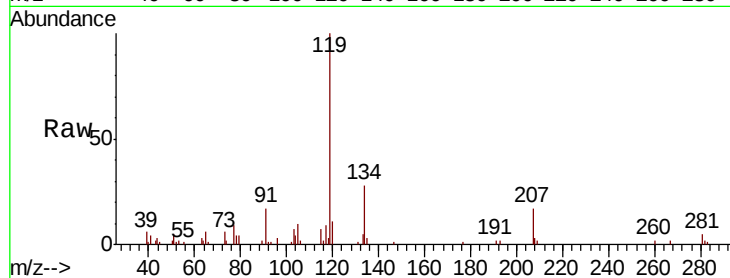
HR-06-020320

Tot Ion:117 Resp: 2022

Ion Ratio Lower Upper

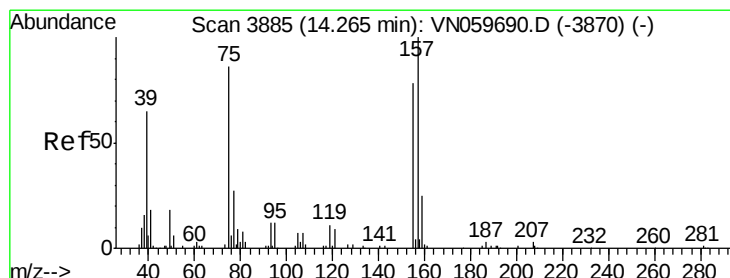
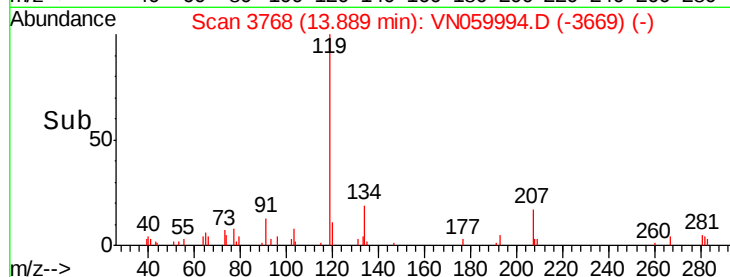
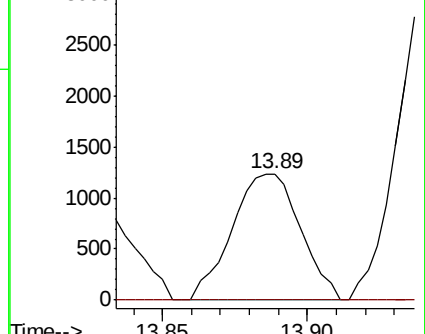
117 100

201 0.0 37.8 113.4#



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: Below Cal

RT: 14.28 min Scan# 3889

Delta R.T. 0.01 min

Lab File: VN059994.D

Acq: 4 Feb 2020 15:10

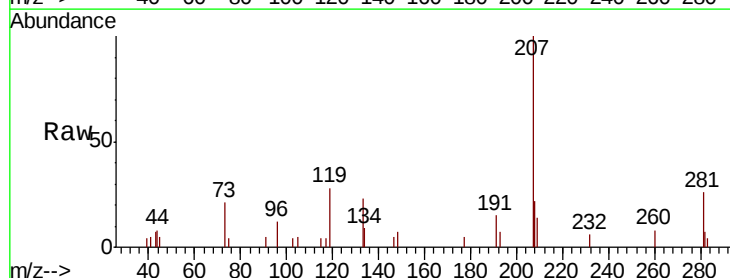
Tgt Ion: 75 Resp: 59

Ion Ratio Lower Upper

75 100

155 0.0 37.0 110.9#

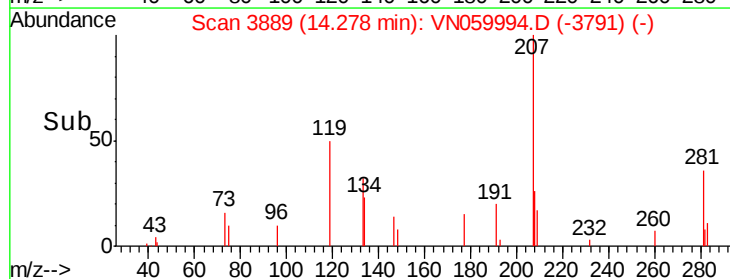
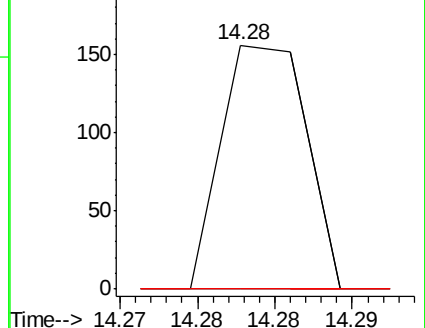
157 0.0 48.4 145.2#

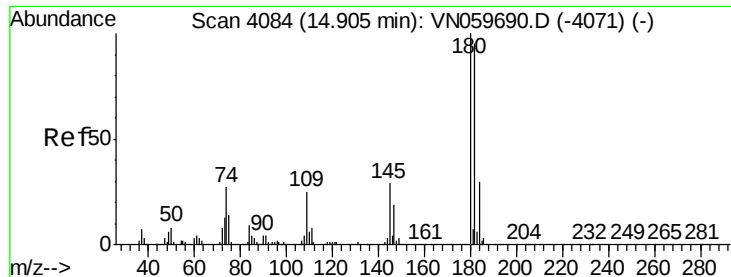


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

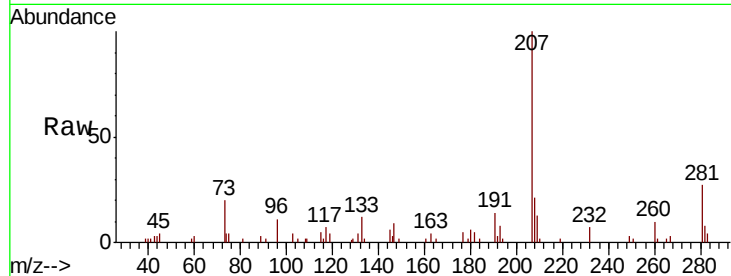




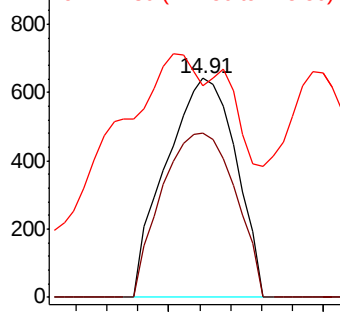
#93
 1,2,4-Trichlorobenzene
 Concen: 0.376 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.01 min
 Lab File: VN059994.D
 Acq: 4 Feb 2020 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-020320

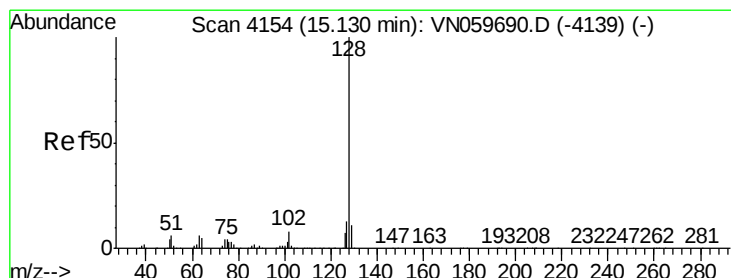
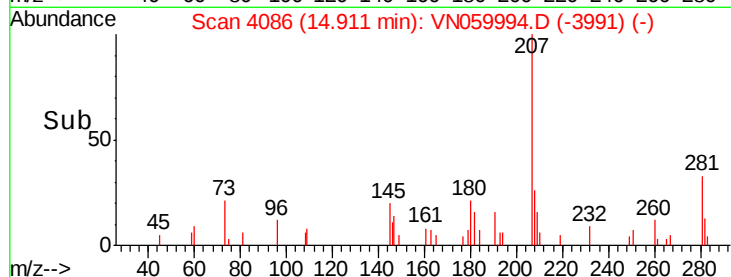
Tot Ion:180 Resp: 1008
 Ion Ratio Lower Upper
 180 100
 182 79.0 46.9 140.7
 145 92.8 15.0 45.1#



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

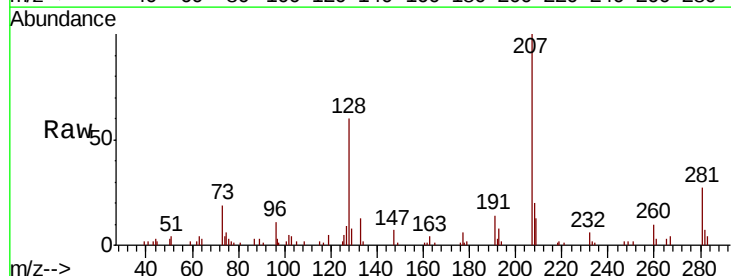


Time-->

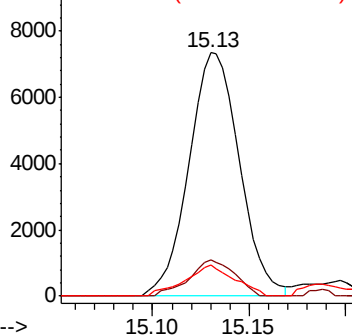


#95
 Naphthalene
 Concen: 1.750 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN059994.D
 Acq: 4 Feb 2020 15:10

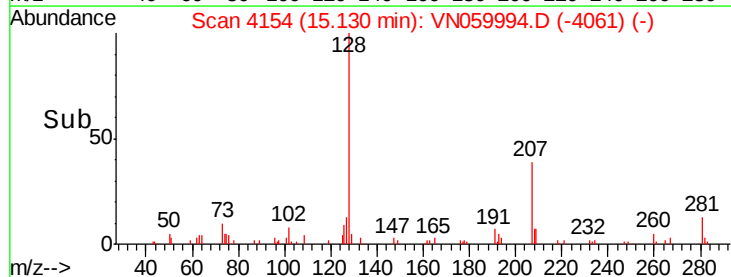
Tgt Ion:128 Resp: 13354
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.4 15.6
 129 12.4 8.6 12.8

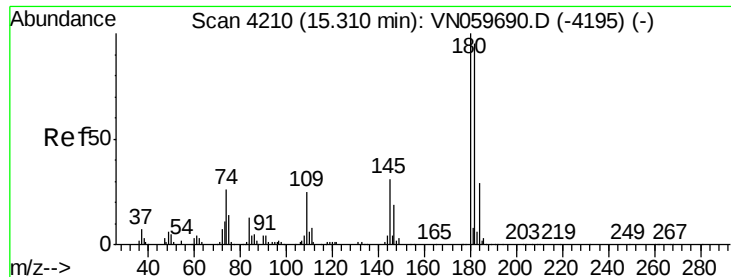


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V



Time-->





#96
 1,2,3-Trichlorobenzene
 Concen: 0.445 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. 0.00 min
 Lab File: VN059994.D
 Acq: 4 Feb 2020 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-020320

Tot Ion	Ratio	Lower	Upper
180	100		
182	73.1	47.4	142.3
145	0.0	16.3	48.9

