

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022520\
 Data File : VN060229.D
 Acq On : 25 Feb 2020 13:19
 Operator : JC/MD
 Sample : L1668-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30793

Quant Time: Feb 25 15:47:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	297274	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	294305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139894	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	111325	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
35) Dibromofluoromethane	7.57	113	89210	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	10.08	98	365423	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.40	95	141226	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	

Target Compounds

						Qvalue
9) 1,1,2-Trichlorotrifluoroet	3.78	101	924	0.50	ug/l #	17
11) Tert butyl alcohol	4.73	59	20406	58.41	ug/l	96
13) Acrolein	3.58	56	4935	14.29	ug/l #	16
14) Allyl chloride	4.29	41	576	0.22	ug/l #	16
16) Acetone	3.78	43	14770663	14503.83	ug/l #	12
18) Methyl Acetate	4.30	43	17687	9.25	ug/l	97
19) Methyl tert-butyl Ether	5.01	73	6904	1.13	ug/l	93
20) Methylene Chloride	4.53	84	7637	3.76	ug/l	97
25) 2-Butanone	6.81	43	36624	28.59	ug/l	96
29) Tetrahydrofuran	7.20	42	962	1.22	ug/l #	43
31) Cyclohexane	7.64	56	8030	2.43	ug/l #	50
36) 1,1-Dichloropropene	7.64	75	13287	4.83	ug/l #	49
37) Ethyl Acetate	6.81	43	36624	14.72	ug/l #	68
38) Carbon Tetrachloride	7.64	117	17770	5.94	ug/l #	15
39) Methylcyclohexane	9.07	83	1741	0.51	ug/l #	71
40) Benzene	8.02	78	9509	1.16	ug/l	95
43) Isopropyl Acetate	8.14	43	44461	10.45	ug/l #	90
45) 1,2-Dichloropropane	9.25	63	687	0.34	ug/l #	43
48) Methyl methacrylate	9.18	41	17656	9.25	ug/l	88
51) 4-Methyl-2-Pentanone	9.97	43	211734	85.99	ug/l	100
52) Toluene	10.15	92	5149322	983.12	ug/l #	67
53) t-1,3-Dichloropropene	10.15	75	78678	23.99	ug/l #	1
54) cis-1,3-Dichloropropene	9.89	75	15082	4.37	ug/l #	62
56) Ethyl methacrylate	10.34	69	53928	18.66	ug/l #	48
57) 1,3-Dichloropropane	10.75	76	2526	0.75	ug/l #	43
59) 2-Hexanone	10.75	43	42964	22.59	ug/l	65
67) Ethyl Benzene	11.51	91	32286	2.99	ug/l	99
68) m/p-Xylenes	11.61	106	35725	8.80	ug/l	99
69) o-Xylene	11.94	106	19289	4.94	ug/l	98
70) Styrene	11.95	104	1616	0.26	ug/l #	1
73) Isopropylbenzene	12.25	105	3319	0.32	ug/l	96
74) N-amyl acetate	12.02	43	17771	4.72	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.52	83	795	0.26	ug/l #	25
76) 1,2,3-Trichloropropane	12.40	75	71776	26.82	ug/l #	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022520\
 Data File : VN060229.D
 Acq On : 25 Feb 2020 13:19
 Operator : JC/MD
 Sample : L1668-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30793

Quant Time: Feb 25 15:47:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

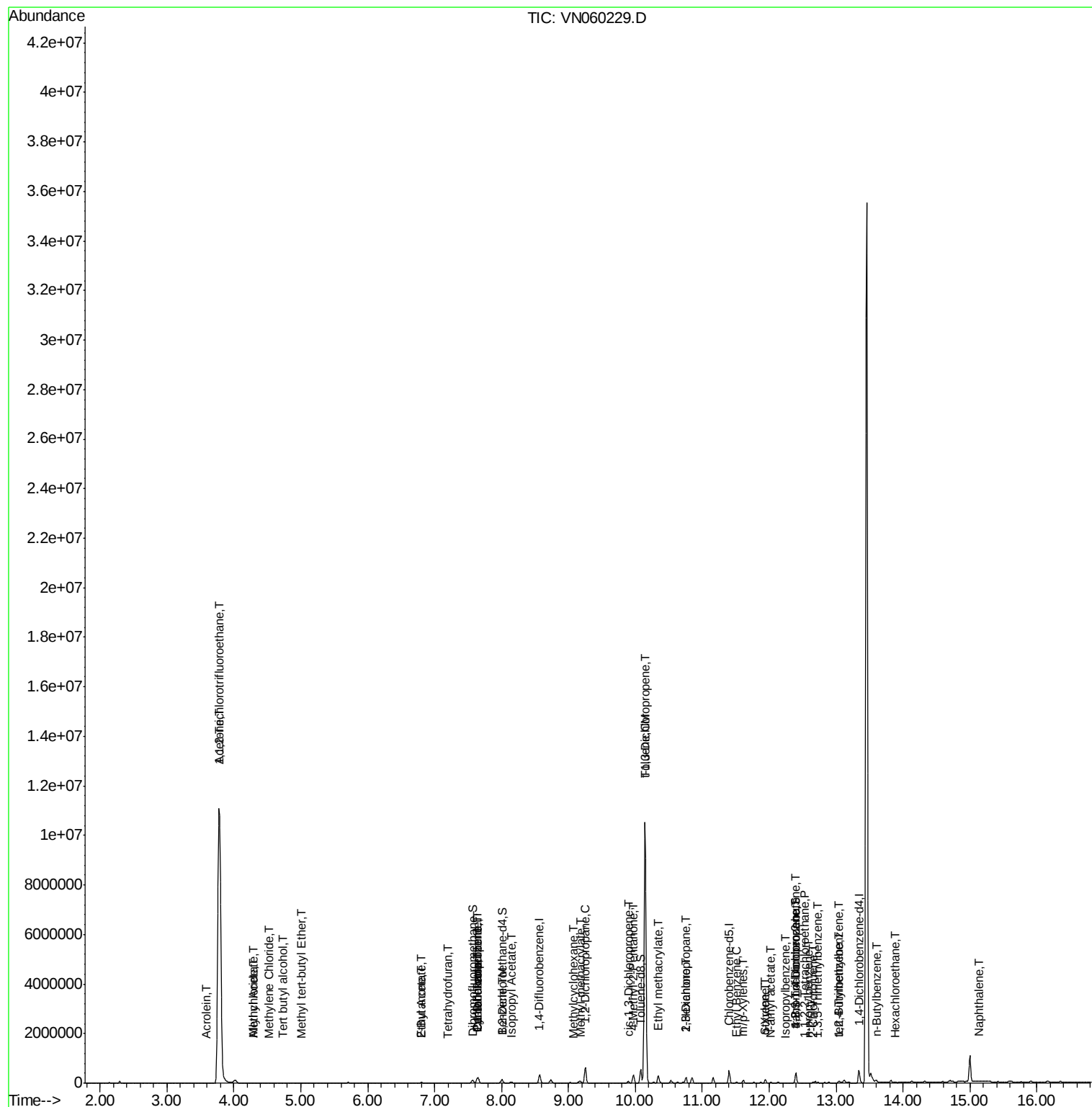
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	12.59	91	6582	0.55	ug/l	100
79) 2-Chlorotoluene	12.65	91	2401	0.34	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	6921	0.80	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	71776	65.66	ug/l #	12
83) tert-Butylbenzene	13.04	119	3763	0.49	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.04	105	31856	3.72	ug/l	94
89) n-Butylbenzene	13.61	91	1725	0.21	ug/l #	66
90) Hexachloroethane	13.89	117	766	0.44	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.27	75	95	Below	Cal #	1
95) Naphthalene	15.13	128	20183	2.83	ug/l	98

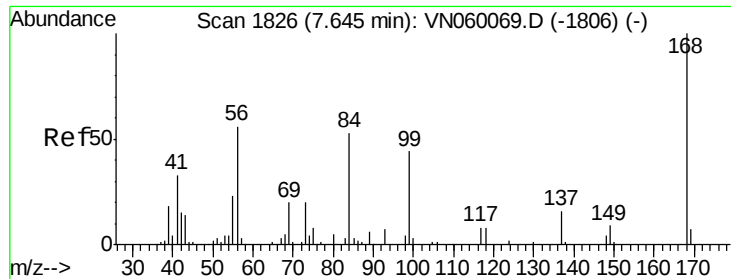
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN022520\
Data File : VN060229.D
Acq On : 25 Feb 2020 13:19
Operator : JC/MD
Sample : L1668-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
30793

Quant Time: Feb 25 15:47:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060229.D

Acq: 25 Feb 2020 13:19

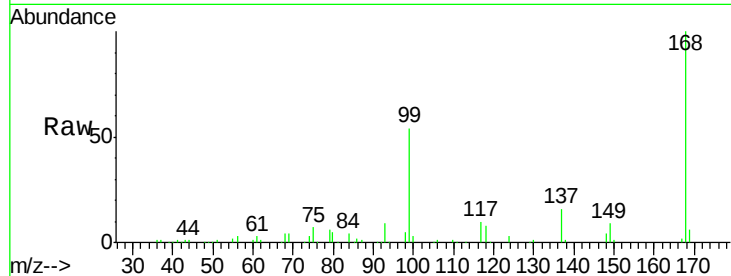
Instrument :
MSVOA_N
ClientSampled :
30793

Tgt Ion:168 Resp: 191870

Ion Ratio Lower Upper

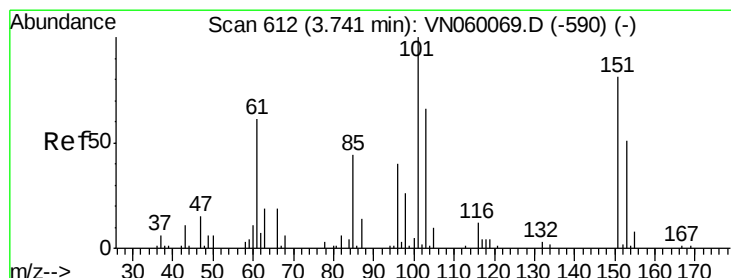
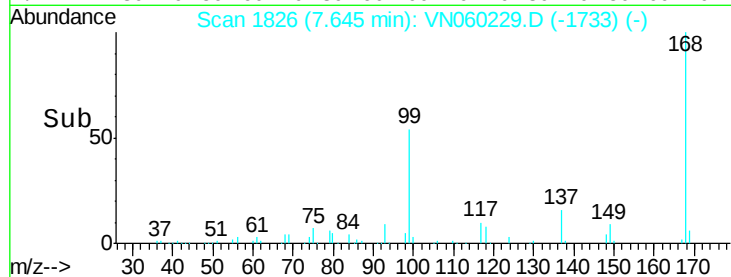
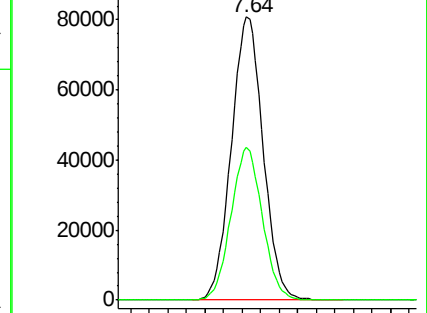
168 100

99 53.9 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.50 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.04 min

Lab File: VN060229.D

Acq: 25 Feb 2020 13:19

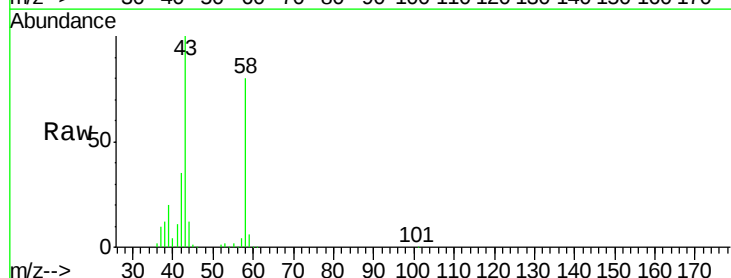
Tgt Ion:101 Resp: 924

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

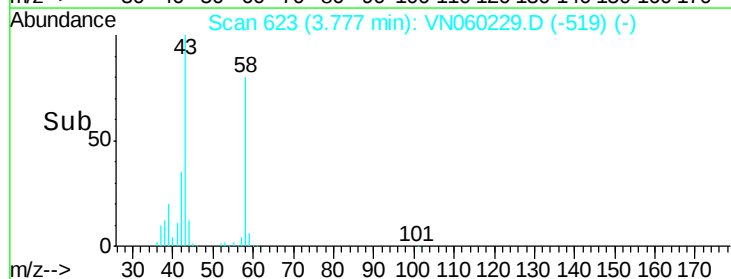
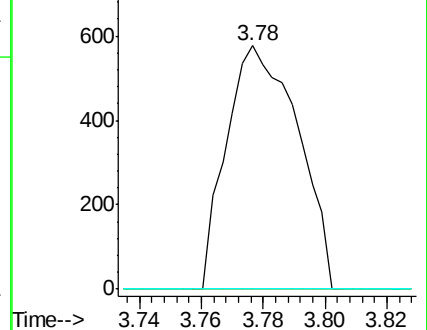
151 0.0 65.8 98.6#

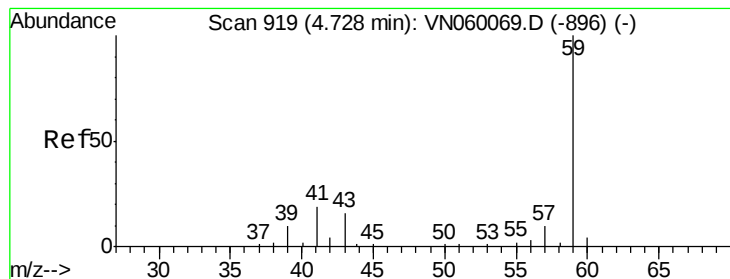


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V





#11

Tert butyl alcohol

Concen: 58.41 ug/l

RT: 4.73 min Scan# 920

Delta R.T. 0.00 min

Lab File: VN060229.D

Acq: 25 Feb 2020 13:19

Instrument :

MSVOA_N

ClientSampleId :

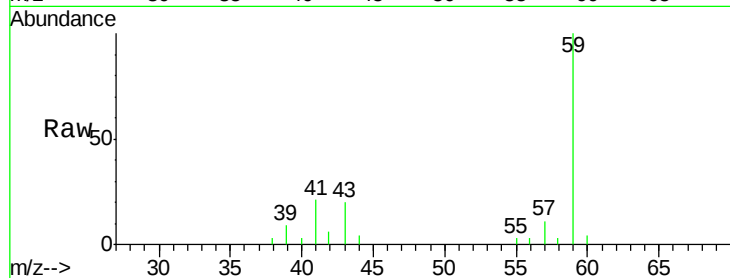
30793

Tgt Ion: 59 Resp: 20406

Ion Ratio Lower Upper

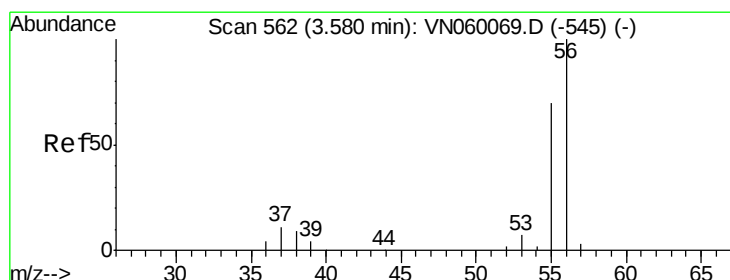
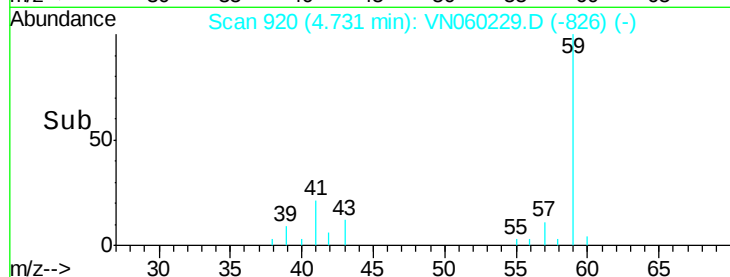
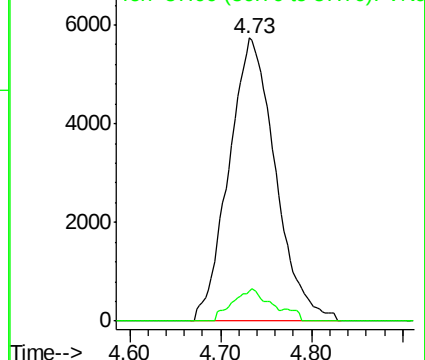
59 100

57 8.7 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#13

Acrolein

Concen: 14.29 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN060229.D

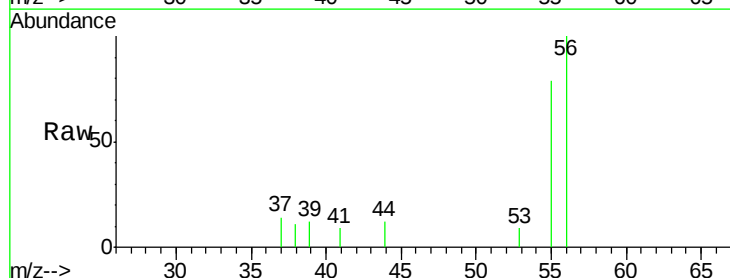
Acq: 25 Feb 2020 13:19

Tgt Ion: 56 Resp: 4935

Ion Ratio Lower Upper

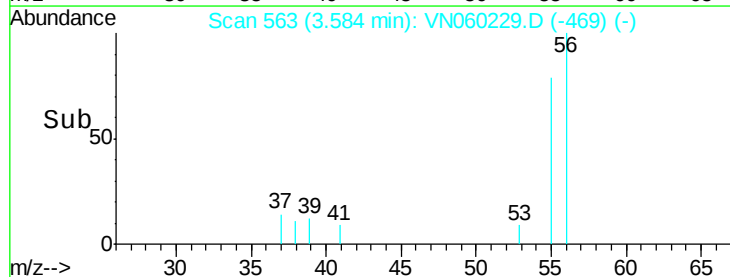
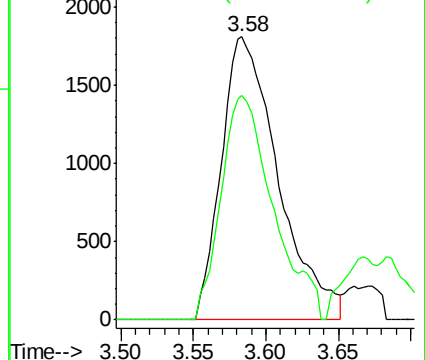
56 100

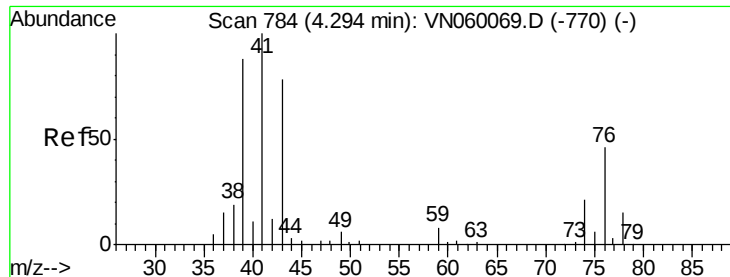
55 0.0 54.8 82.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#14

Allyl chloride

Concen: 0.22 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060229.D

Acq: 25 Feb 2020 13:19

Instrument :

MSVOA_N

ClientSampled :

30793

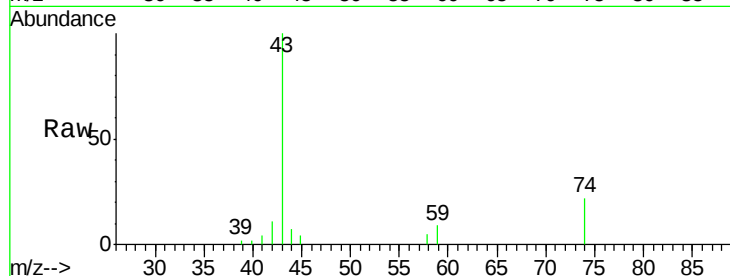
Tgt Ion: 41 Resp: 576

Ion Ratio Lower Upper

41 100

39 0.0 67.8 101.8#

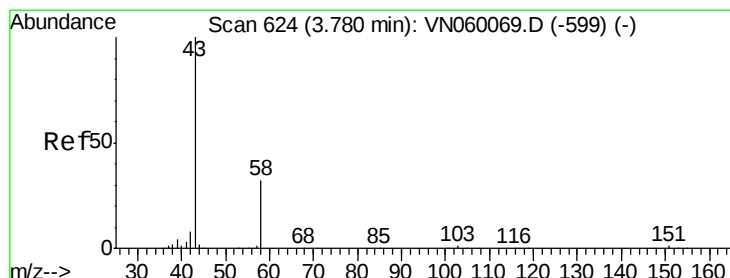
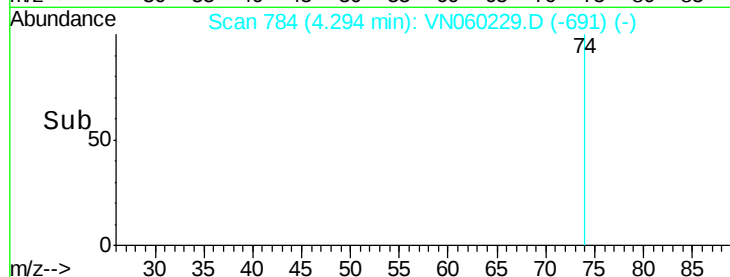
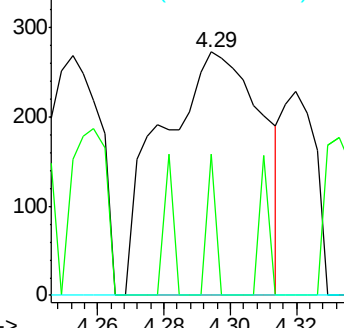
76 0.0 33.9 50.9#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: 14503.83 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060229.D

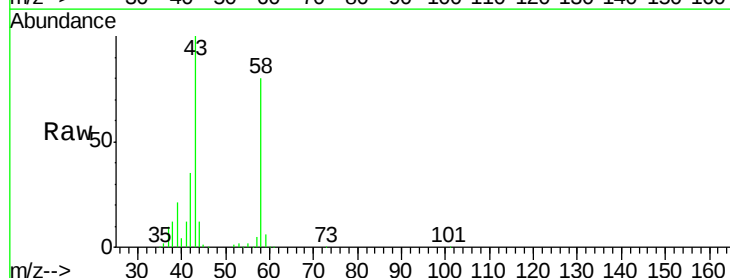
Acq: 25 Feb 2020 13:19

Tgt Ion: 43 Resp: 14770663

Ion Ratio Lower Upper

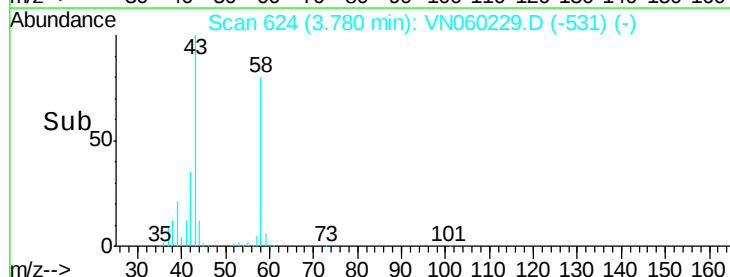
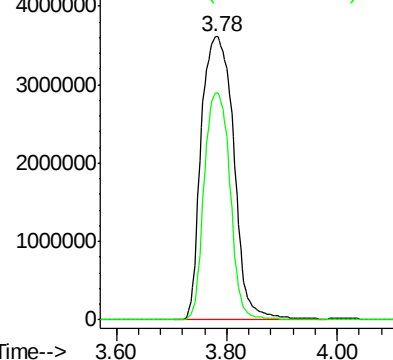
43 100

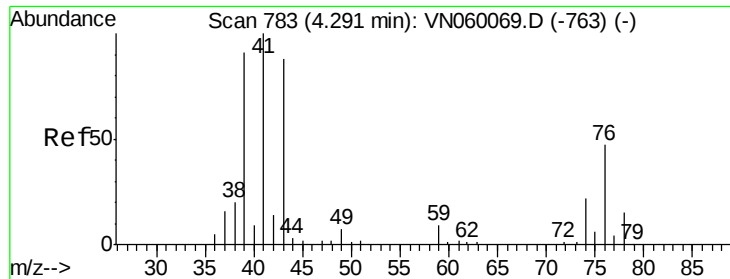
58 80.1 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

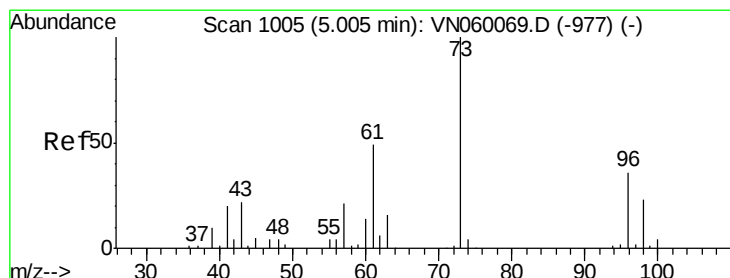
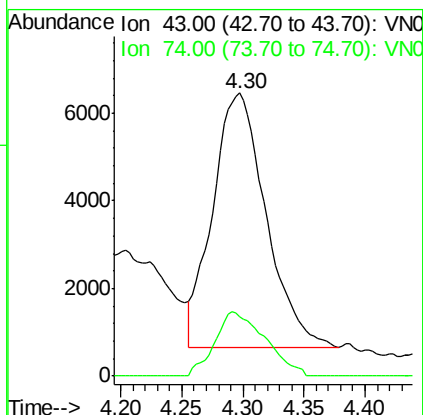
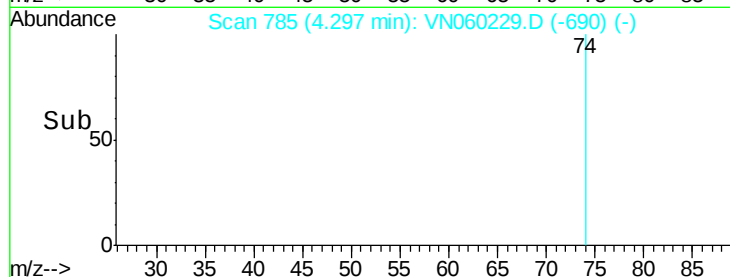
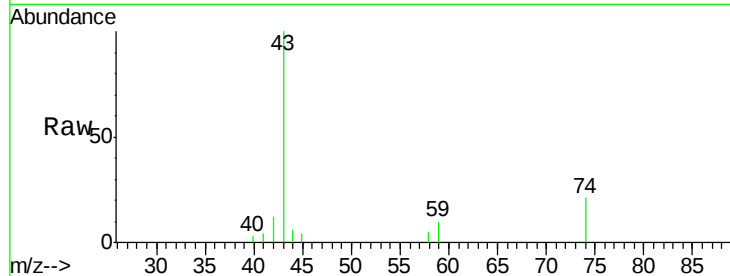




#18
Methyl Acetate
Concen: 9.25 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.01 min
Lab File: VN060229.D
Acq: 25 Feb 2020 13:19

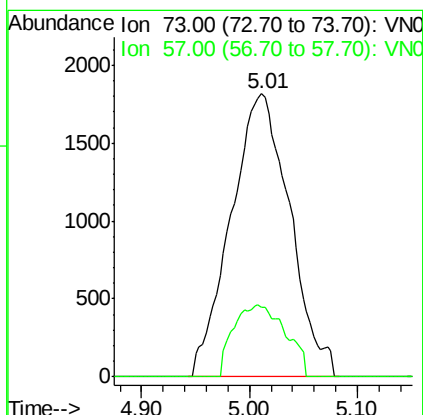
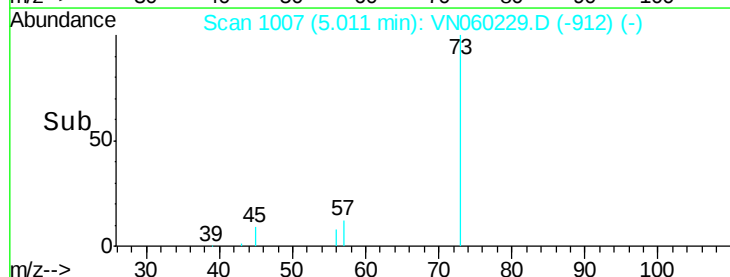
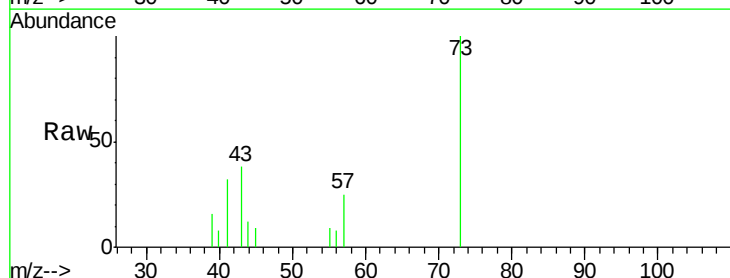
Instrument :
MSVOA_N
ClientSampled :
30793

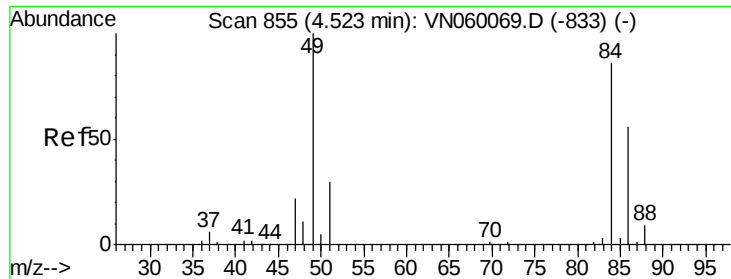
Tgt Ion: 43 Resp: 17687
Ion Ratio Lower Upper
43 100
74 23.9 20.3 30.5



#19
Methyl tert-butyl Ether
Concen: 1.13 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: VN060229.D
Acq: 25 Feb 2020 13:19

Tgt Ion: 73 Resp: 6904
Ion Ratio Lower Upper
73 100
57 24.8 17.2 25.8

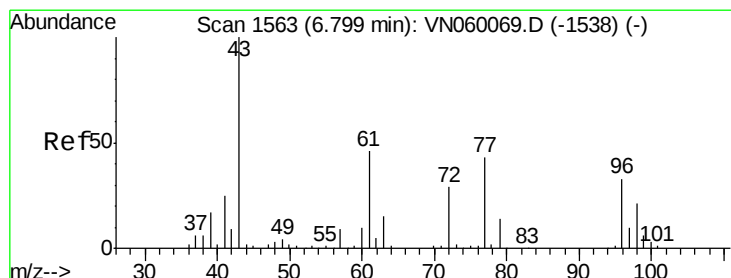
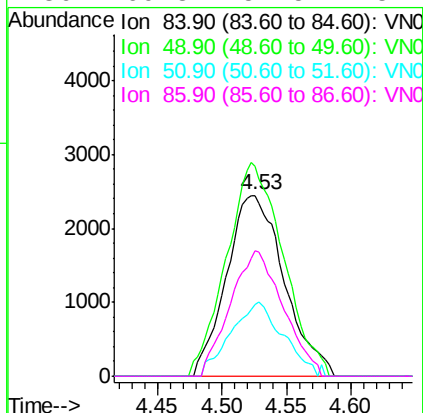
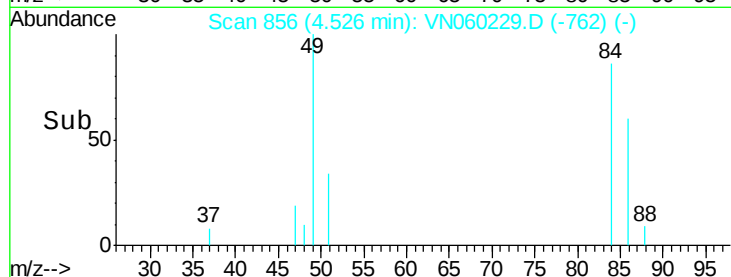
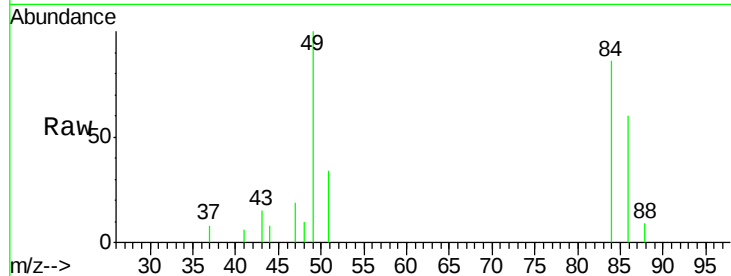




#20
Methylene Chloride
Concen: 3.76 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060229.D
Acq: 25 Feb 2020 13:19

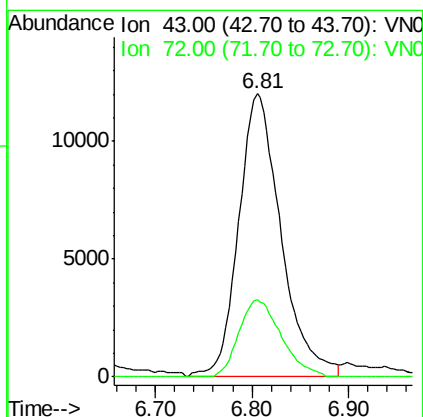
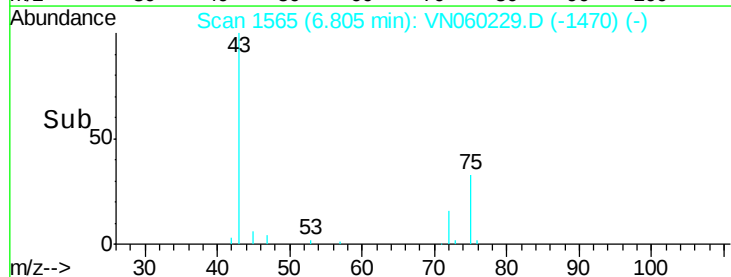
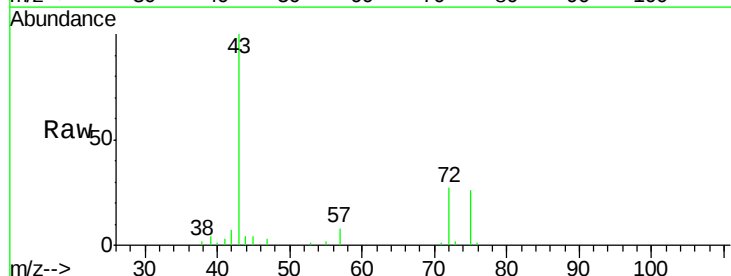
Instrument :
MSVOA_N
ClientSampled :
30793

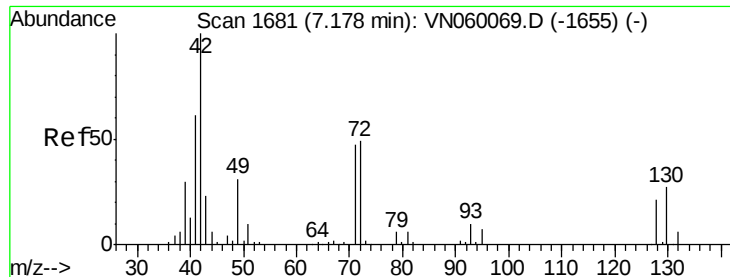
Tgt Ion:	84	Resp:	7637
Ion	Ratio	Lower	Upper
84	100		
49	116.0	93.4	140.0
51	39.9	28.4	42.6
86	69.8	52.5	78.7



#25
2-Butanone
Concen: 28.59 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.01 min
Lab File: VN060229.D
Acq: 25 Feb 2020 13:19

Tgt Ion:	43	Resp:	36624
Ion	Ratio	Lower	Upper
43	100		
72	27.1	23.3	34.9

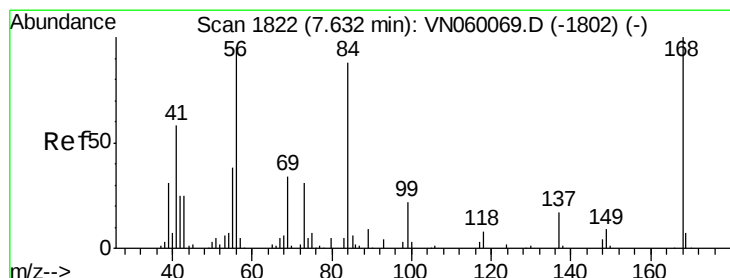
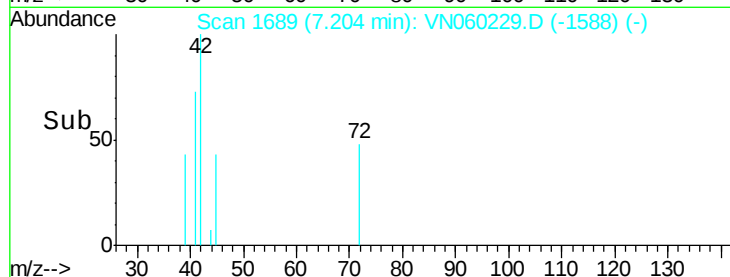
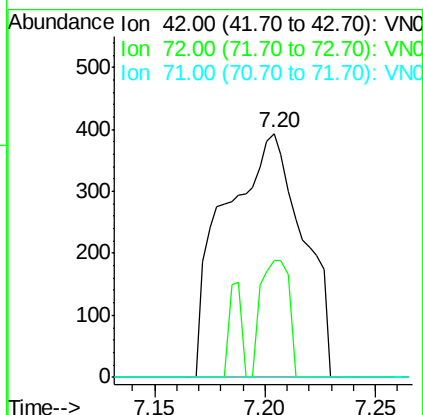
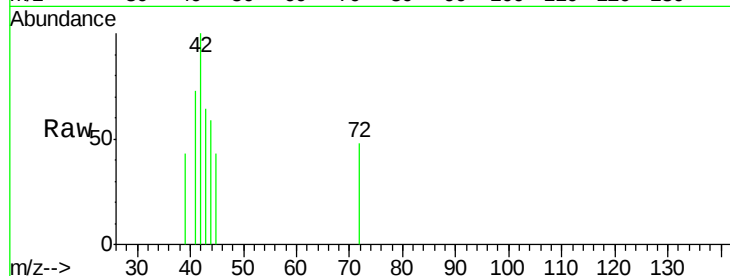




#29
Tetrahydrofuran
Concen: 1.22 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.03 min
Lab File: VN060229.D
Acq: 25 Feb 2020 13:19

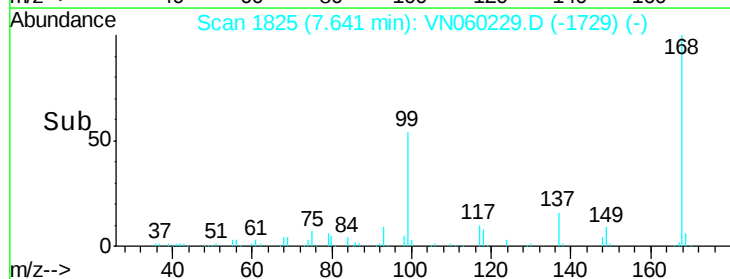
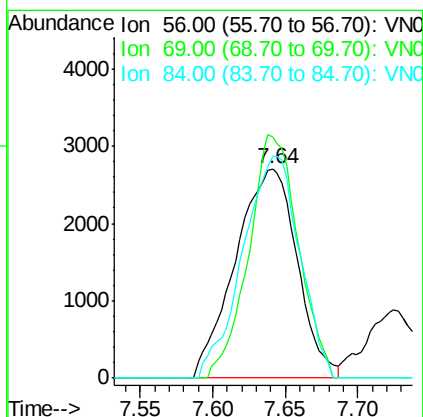
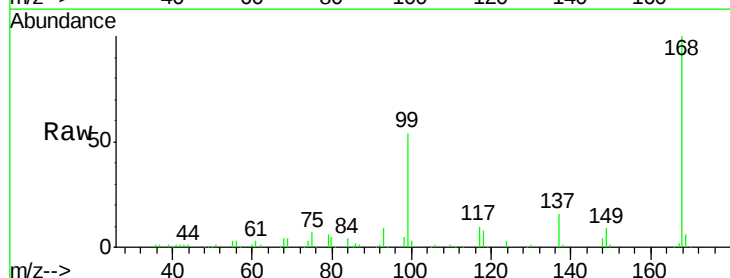
Instrument :
MSVOA_N
ClientSampled :
30793

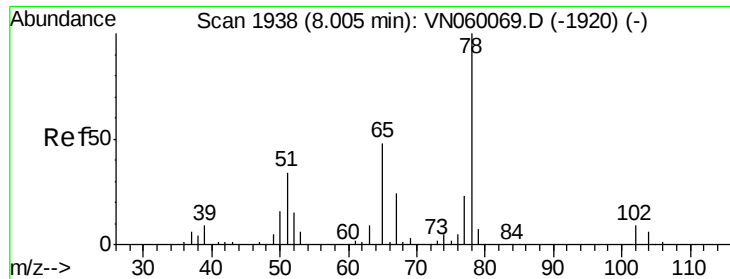
Tgt Ion: 42 Resp: 962
Ion Ratio Lower Upper
42 100
72 17.3 38.2 57.4#
71 0.0 36.6 54.8#



#31
Cyclohexane
Concen: 2.43 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN060229.D
Acq: 25 Feb 2020 13:19

Tgt Ion: 56 Resp: 8030
Ion Ratio Lower Upper
56 100
69 115.0 28.3 42.5#
84 105.7 72.6 108.8

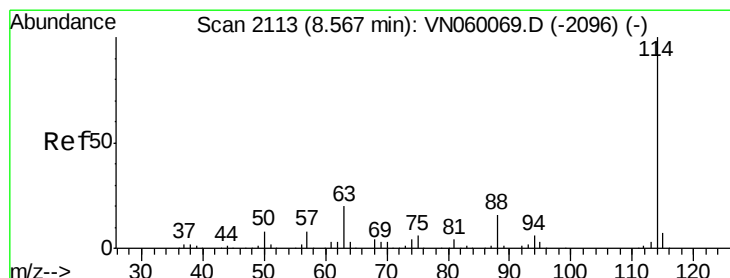
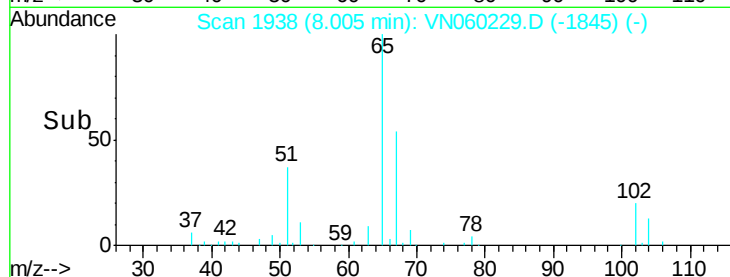
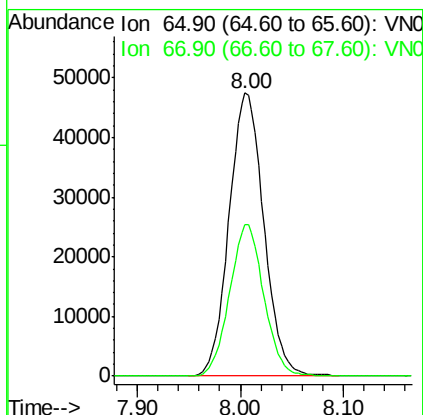
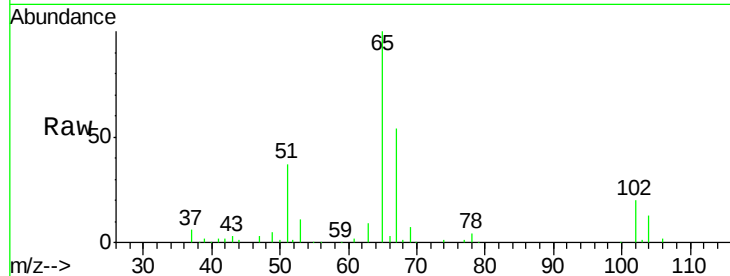




#33
 1,2-Dichloroethane-d4
 Concen: 47.68 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060229.D
 Acq: 25 Feb 2020 13:19

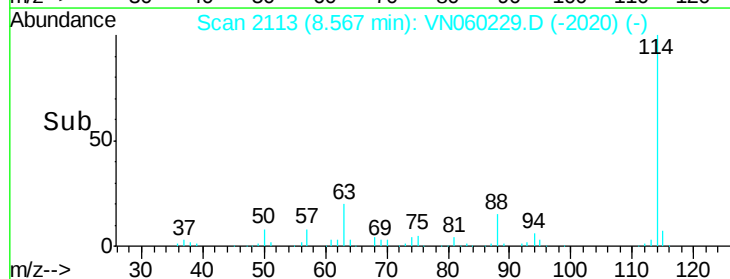
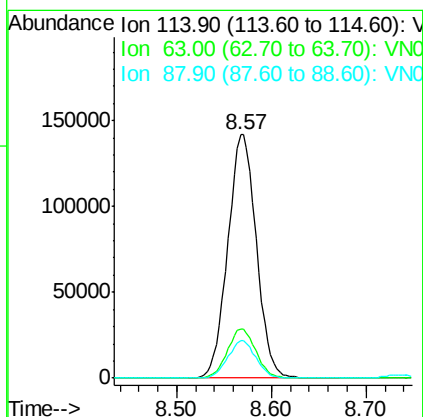
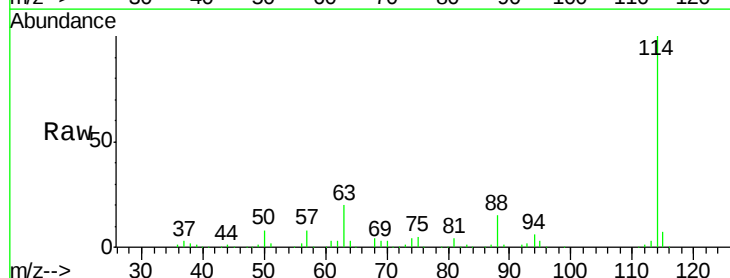
Instrument :
 MSVOA_N
 ClientSampled :
 30793

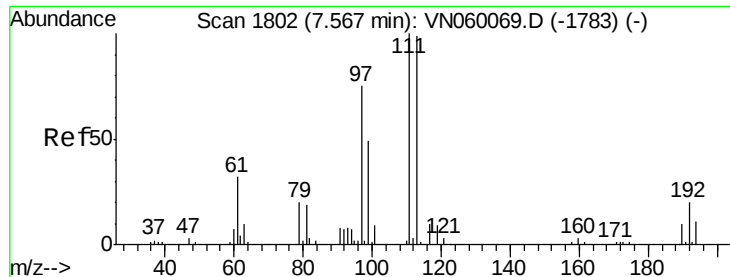
Tgt Ion: 65 Resp: 111325
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060229.D
 Acq: 25 Feb 2020 13:19

Tgt Ion: 114 Resp: 297274
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 15.5 0.0 31.6

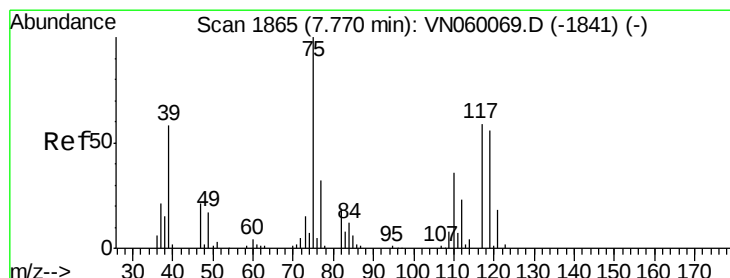
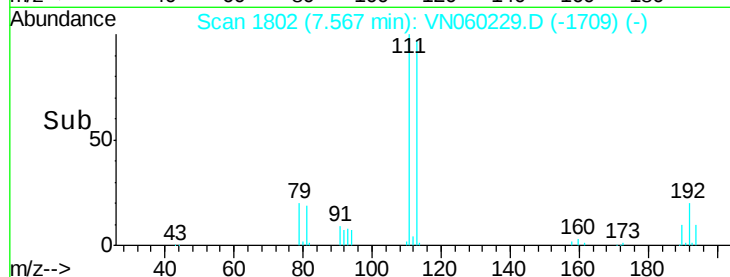
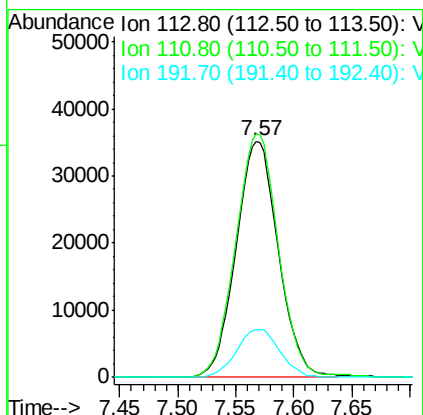
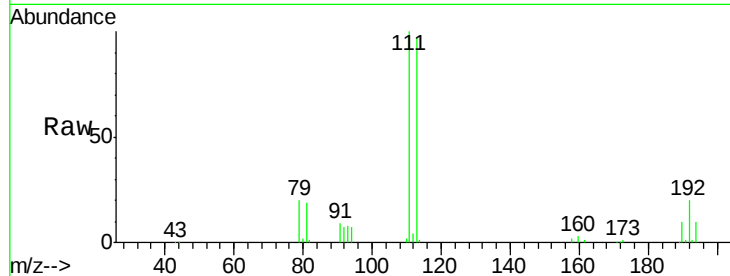




#35
 Dibromofluoromethane
 Concen: 48.82 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060229.D
 Acq: 25 Feb 2020 13:19

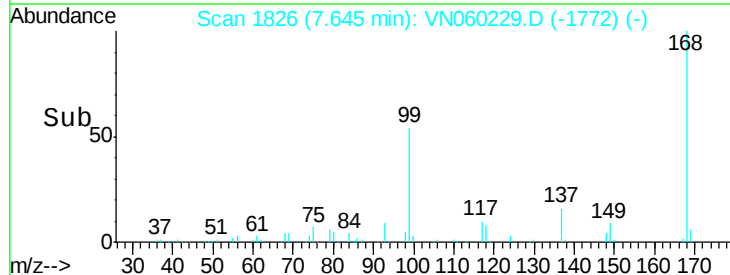
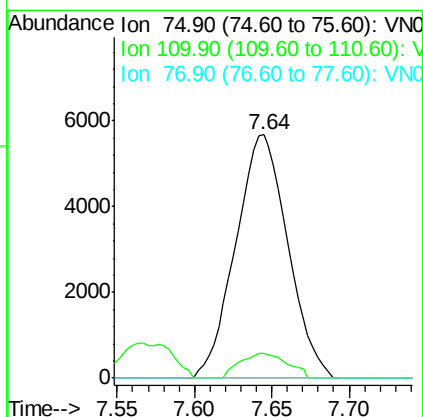
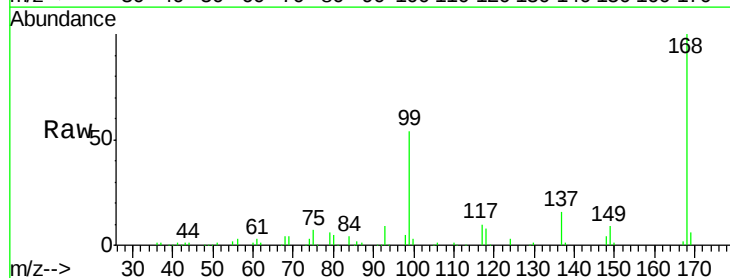
Instrument :
 MSVOA_N
 ClientSampleId :
 30793

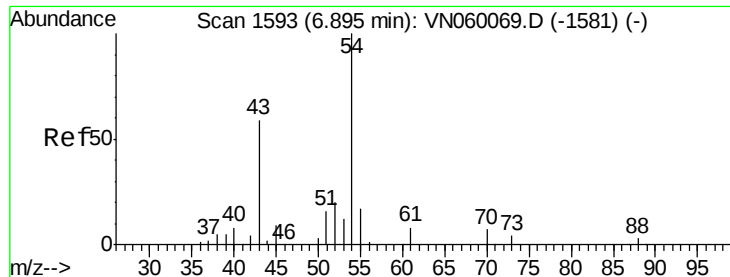
Tgt Ion: 113 Resp: 89210
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.4 122.2
 192 20.8 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 4.83 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN060229.D
 Acq: 25 Feb 2020 13:19

Tgt Ion: 75 Resp: 13287
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.1 54.3#
 77 0.0 25.1 37.7#

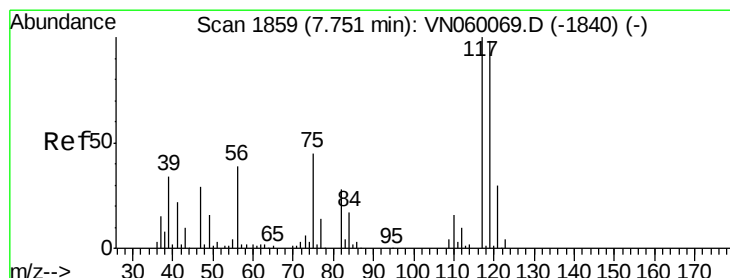
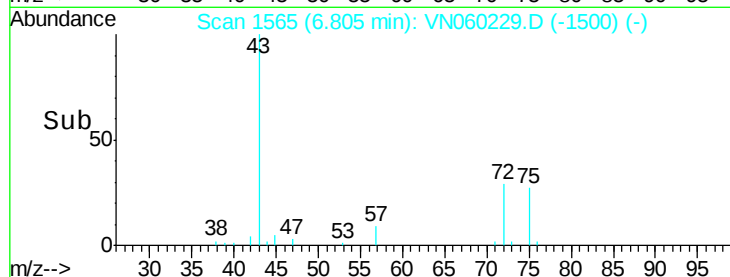
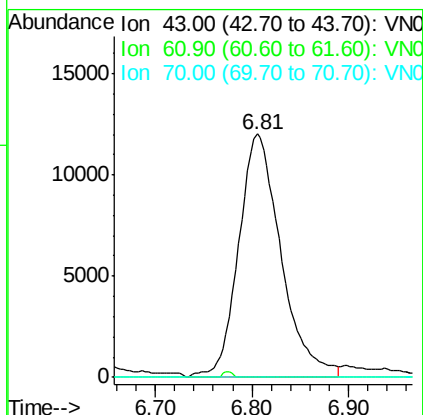
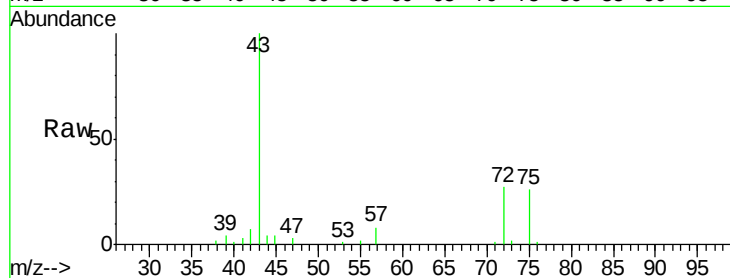




#37
Ethyl Acetate
 Concen: 14.72 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. -0.09 min
 Lab File: VN060229.D
 Acq: 25 Feb 2020 13:19

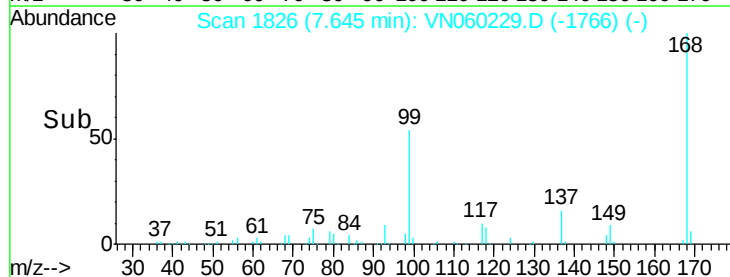
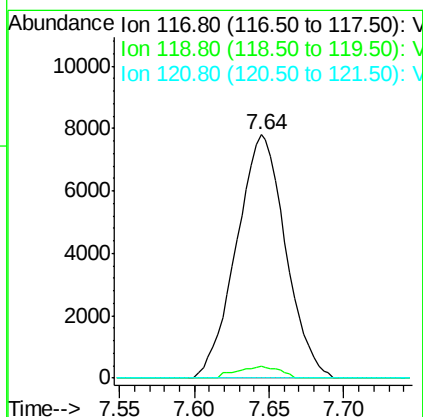
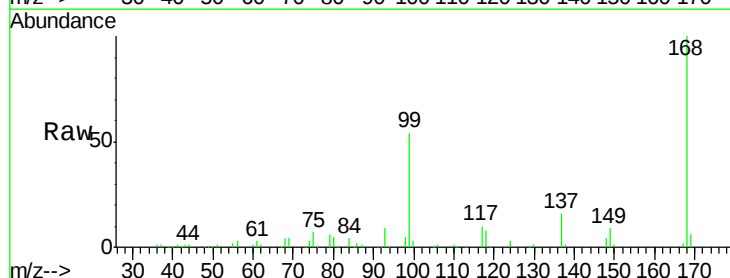
Instrument :
 MSVOA_N
 ClientSampleId :
 30793

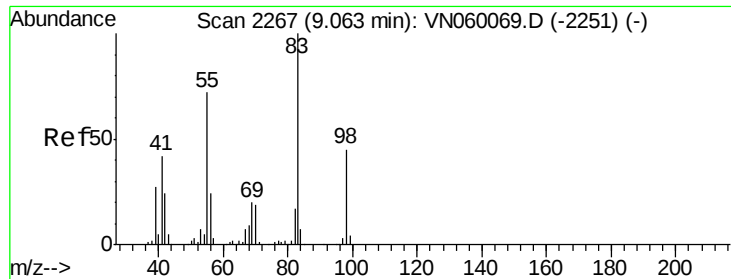
Tgt Ion: 43 Resp: 36624
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.4 17.2#
 70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
 Concen: 5.94 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN060229.D
 Acq: 25 Feb 2020 13:19

Tgt Ion: 117 Resp: 17770
 Ion Ratio Lower Upper
 117 100
 119 4.7 78.2 117.4#
 121 0.0 24.2 36.2#

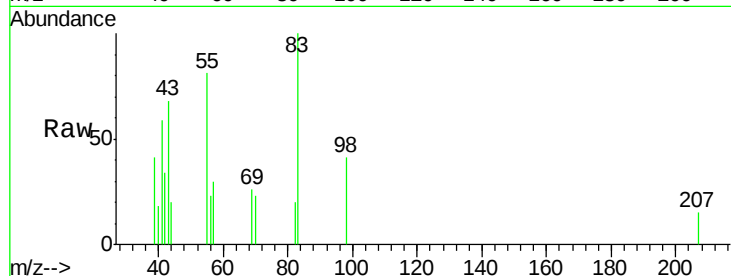




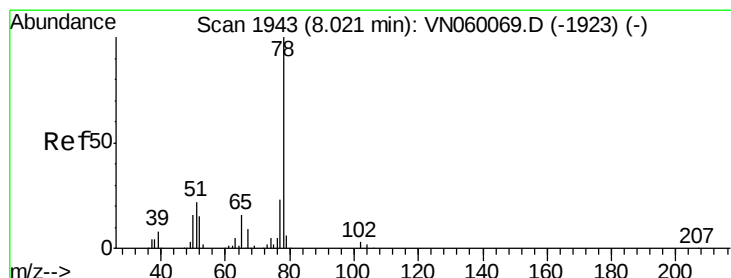
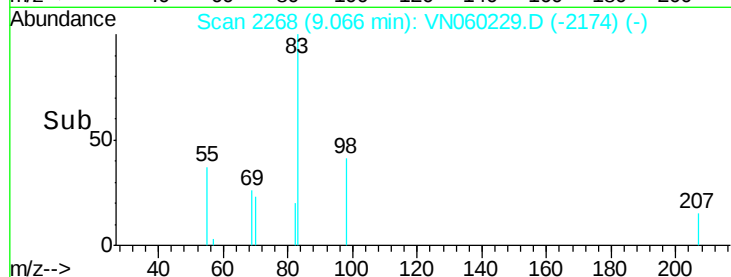
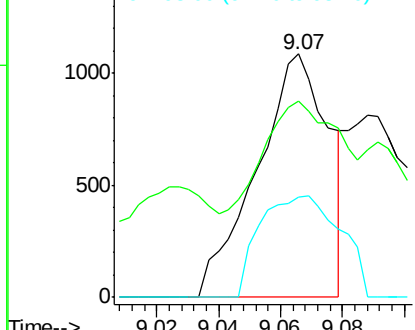
#39
Methylcyclohexane
Concen: 0.51 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN060229.D
Acq: 25 Feb 2020 13:19

Instrument :
MSVOA_N
ClientSampled :
30793

Tgt Ion: 83 Resp: 1741
Ion Ratio Lower Upper
83 100
55 36.4 57.8 86.8#
98 41.1 36.4 54.6

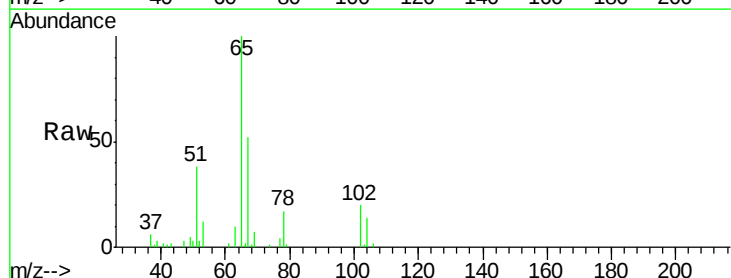


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

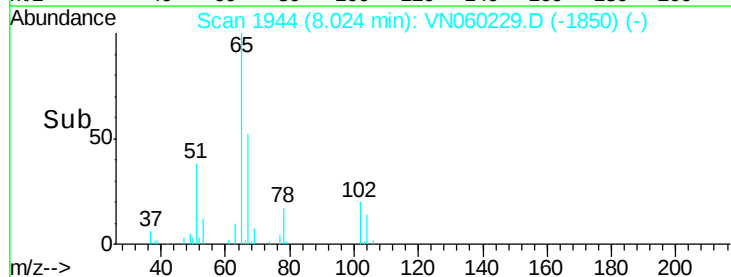
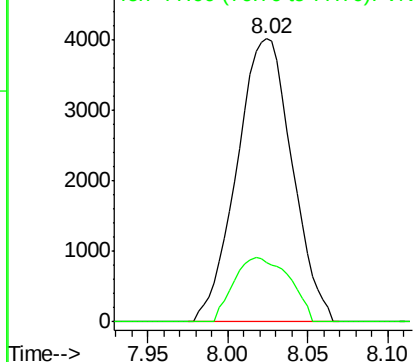


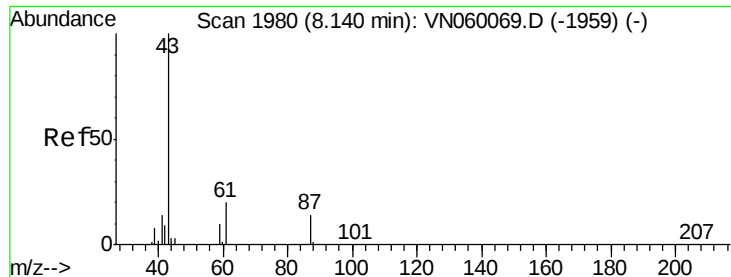
#40
Benzene
Concen: 1.16 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN060229.D
Acq: 25 Feb 2020 13:19

Tgt Ion: 78 Resp: 9509
Ion Ratio Lower Upper
78 100
77 21.0 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#43

Isopropyl Acetate

Concen: 10.45 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060229.D

Acq: 25 Feb 2020 13:19

Instrument :

MSVOA_N

ClientSampled :

30793

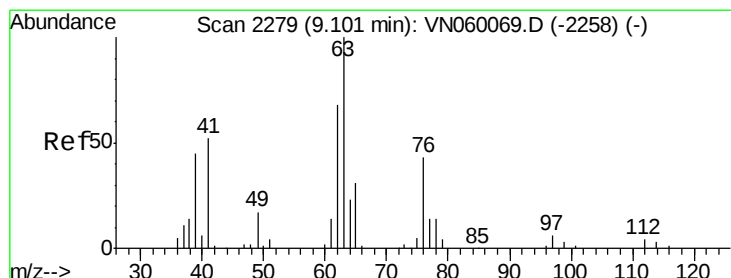
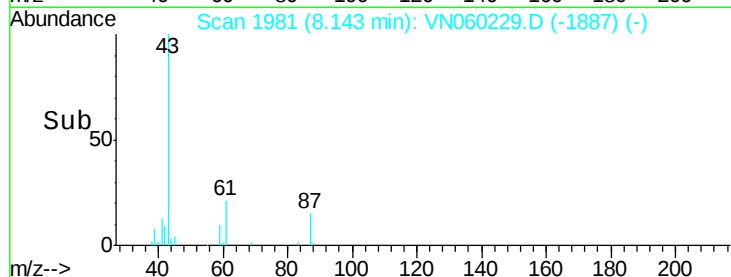
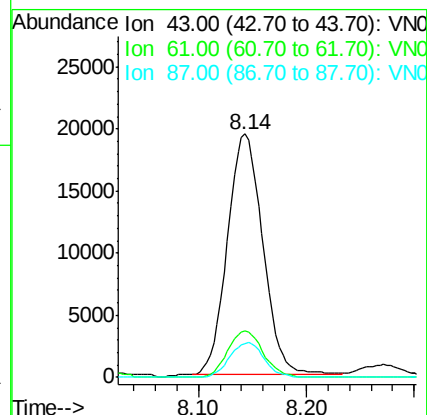
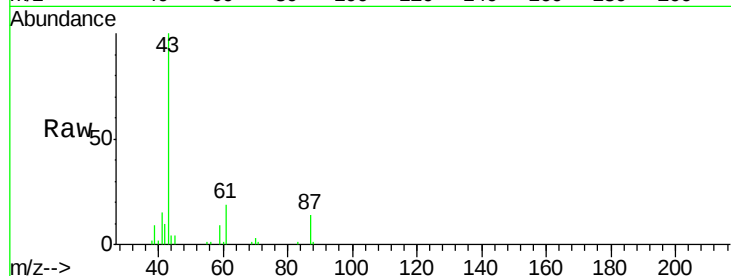
Tgt Ion: 43 Resp: 44461

Ion Ratio Lower Upper

43 100

61 19.3 21.8 32.6#

87 13.9 11.4 17.2



#45

1,2-Dichloropropane

Concen: 0.34 ug/l

RT: 9.25 min Scan# 2325

Delta R.T. 0.15 min

Lab File: VN060229.D

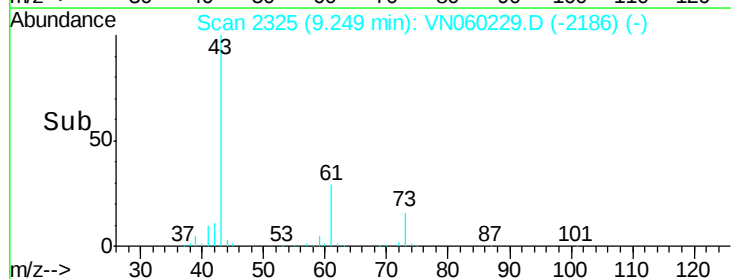
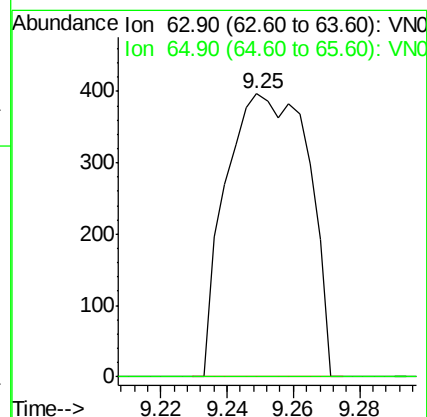
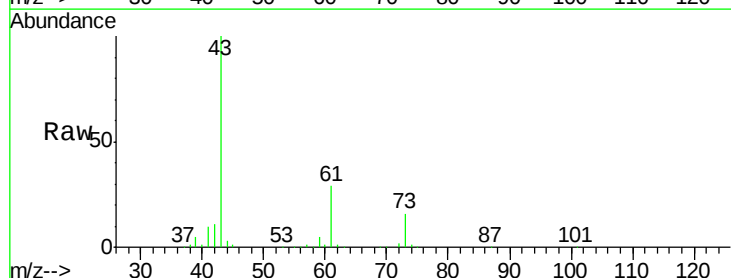
Acq: 25 Feb 2020 13:19

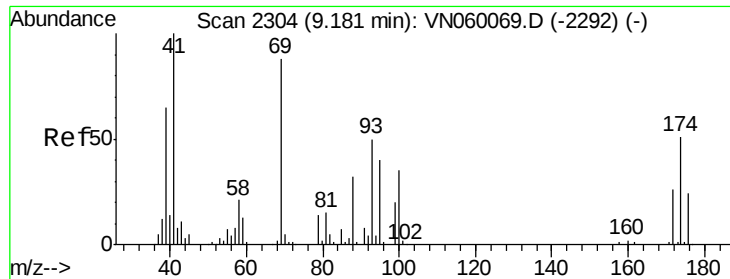
Tgt Ion: 63 Resp: 687

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#

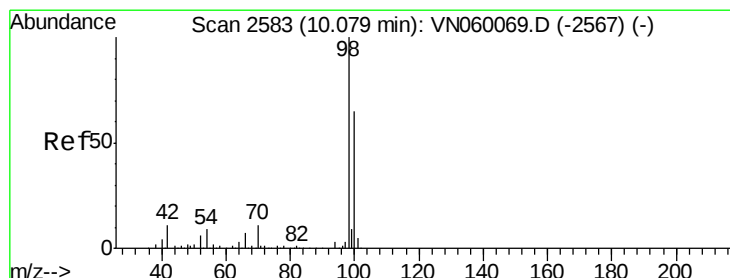
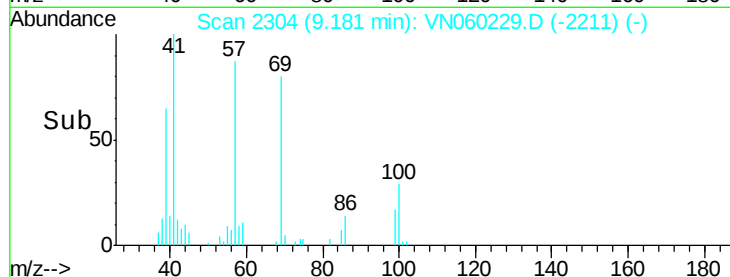
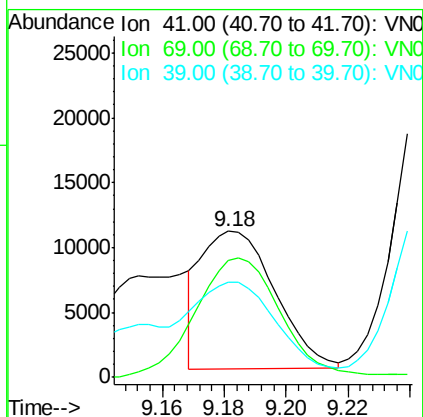
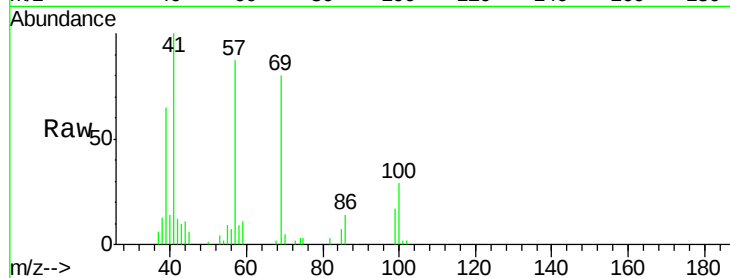




#48
Methyl methacrylate
Concen: 9.25 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN060229.D
Acq: 25 Feb 2020 13:19

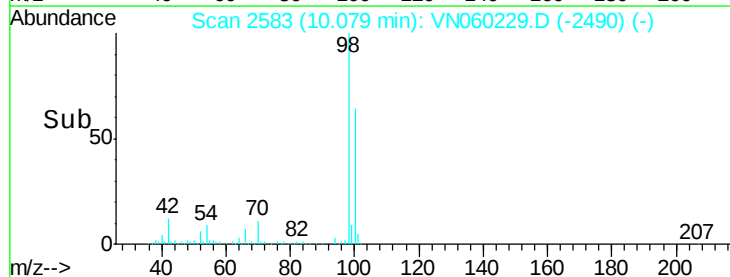
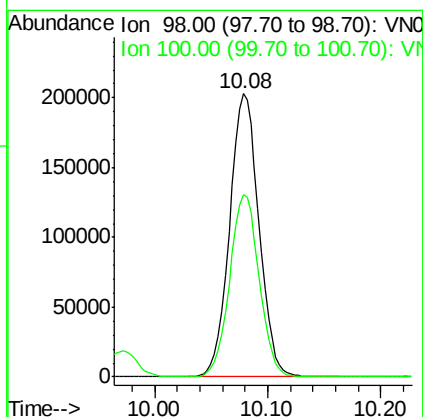
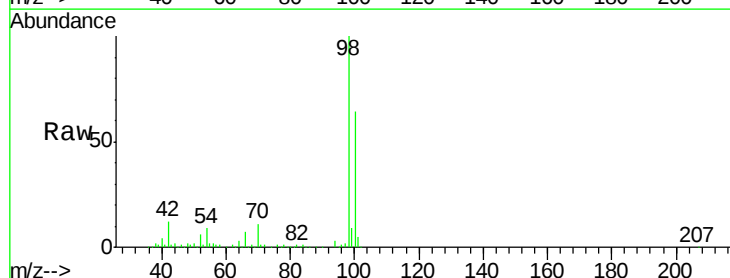
Instrument :
MSVOA_N
ClientSampled :
30793

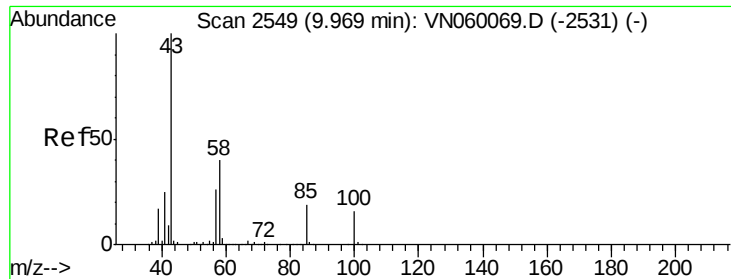
Tgt Ion: 41 Resp: 17656
Ion Ratio Lower Upper
41 100
69 100.1 72.0 108.0
39 79.3 54.1 81.1



#50
Toluene-d8
Concen: 50.78 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060229.D
Acq: 25 Feb 2020 13:19

Tgt Ion: 98 Resp: 365423
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 85.99 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060229.D

Acq: 25 Feb 2020 13:19

Instrument :

MSVOA_N

ClientSampled :

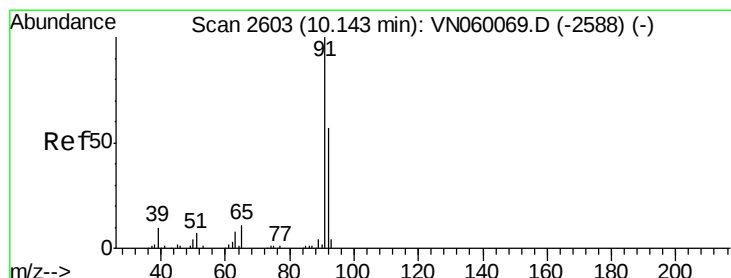
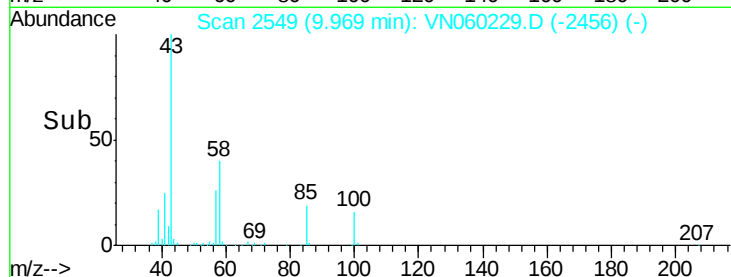
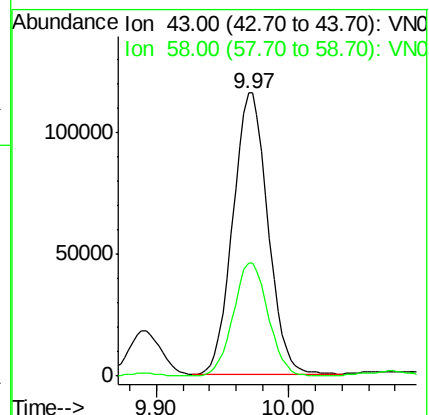
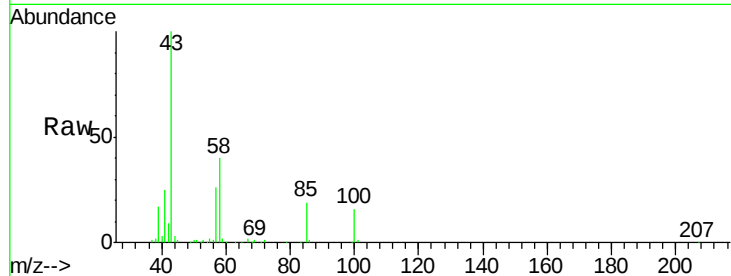
30793

Tgt Ion: 43 Resp: 211734

Ion Ratio Lower Upper

43 100

58 40.1 31.8 47.8



#52

Toluene

Concen: 983.12 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN060229.D

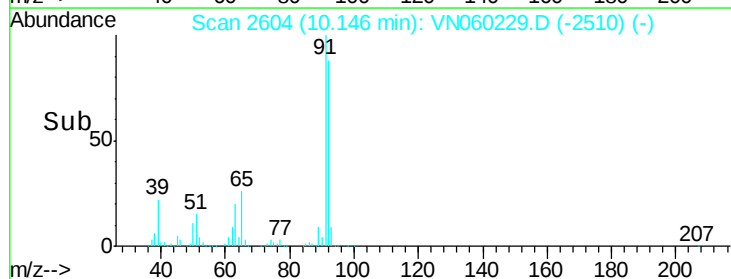
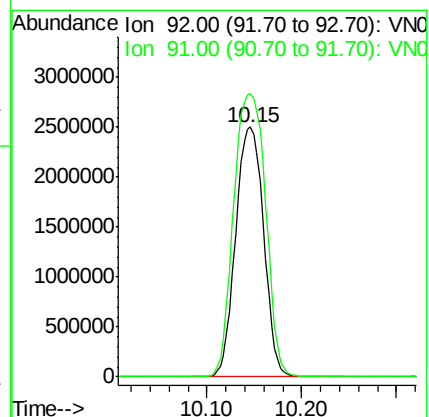
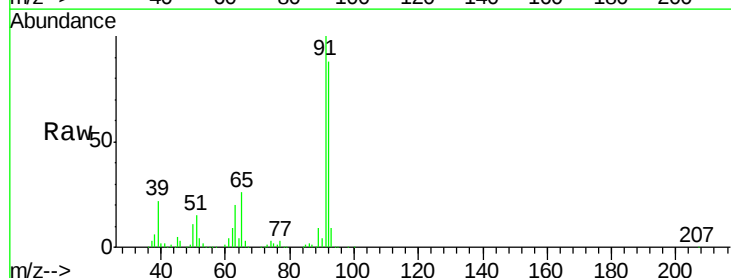
Acq: 25 Feb 2020 13:19

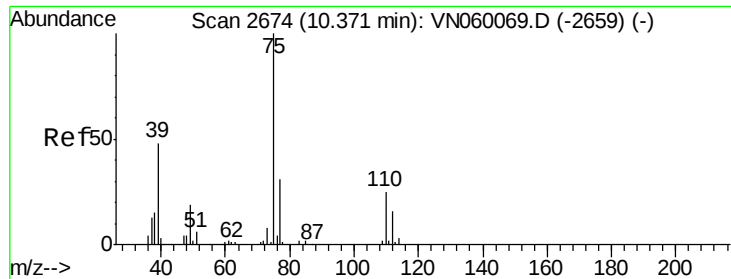
Tgt Ion: 92 Resp: 5149322

Ion Ratio Lower Upper

92 100

91 129.6 140.9 211.3#





#53

t-1,3-Dichloropropene

Concen: 23.99 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.23 min

Lab File: VN060229.D

Acq: 25 Feb 2020 13:19

Instrument :

MSVOA_N

ClientSampled :

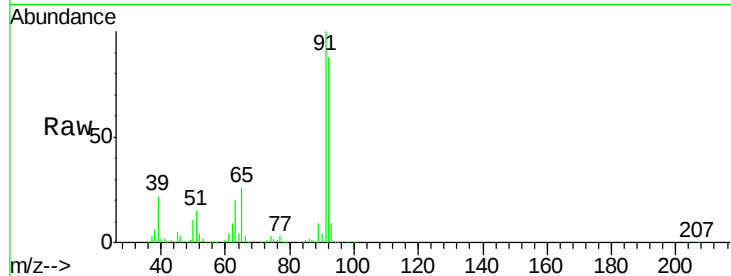
30793

Tgt Ion: 75 Resp: 78678

Ion Ratio Lower Upper

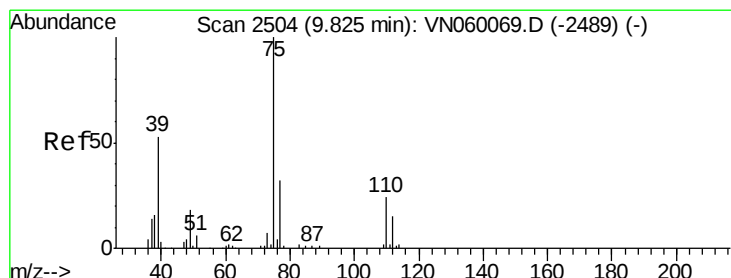
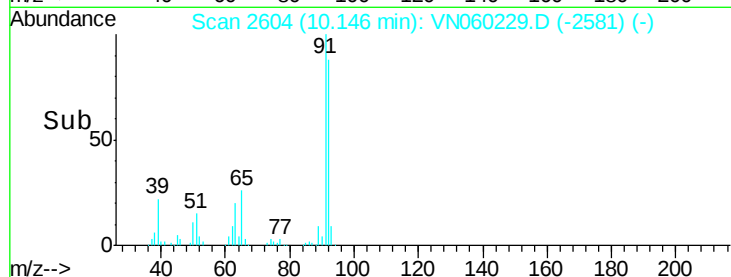
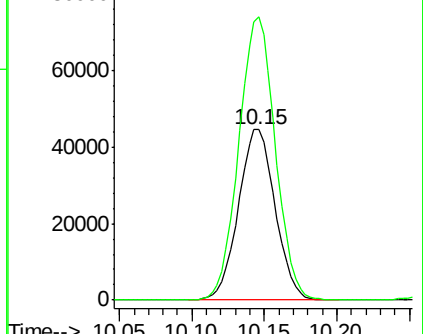
75 100

77 166.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 4.37 ug/l

RT: 9.89 min Scan# 2525

Delta R.T. 0.07 min

Lab File: VN060229.D

Acq: 25 Feb 2020 13:19

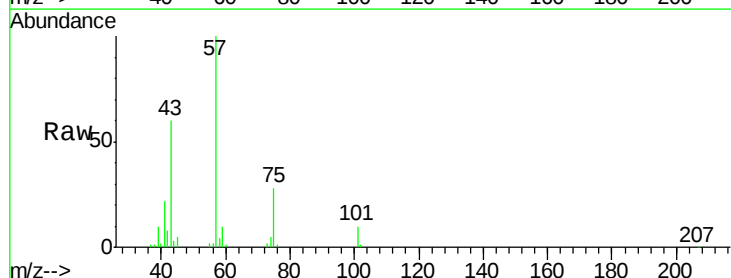
Tgt Ion: 75 Resp: 15082

Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#

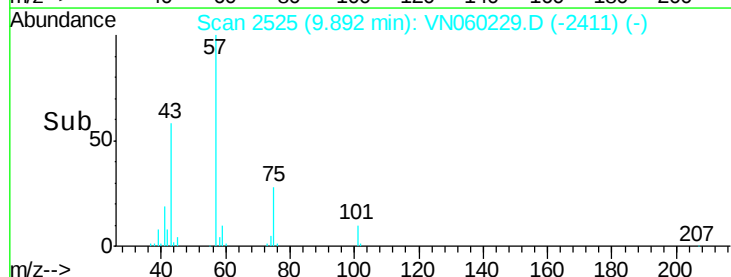
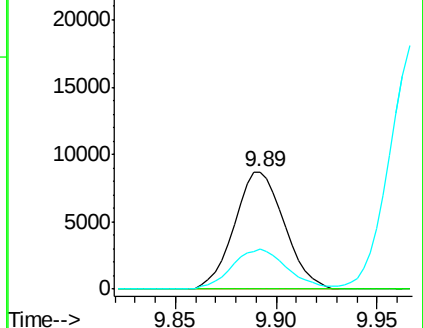
39 33.7 42.2 63.4#

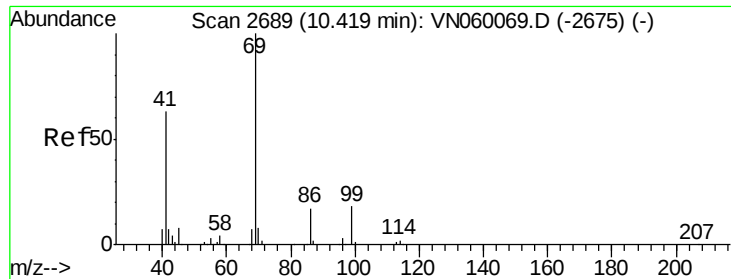


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 18.66 ug/l

RT: 10.34 min Scan# 2665

Delta R.T. -0.08 min

Lab File: VN060229.D

Acq: 25 Feb 2020 13:19

Instrument :

MSVOA_N

ClientSampleId :

30793

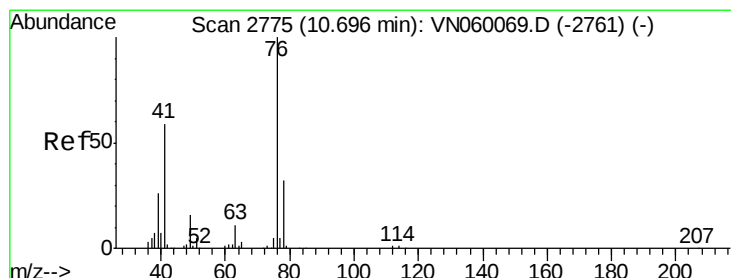
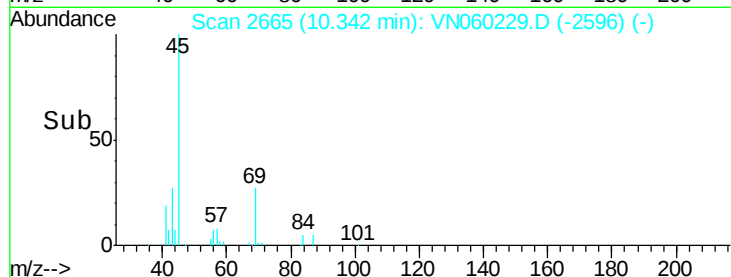
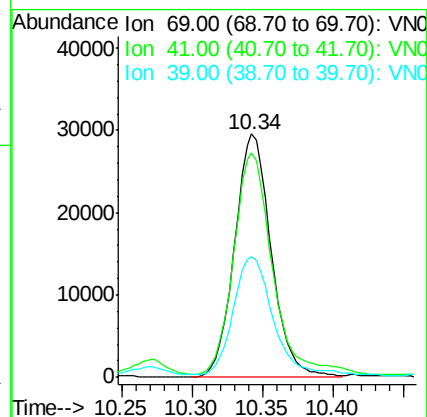
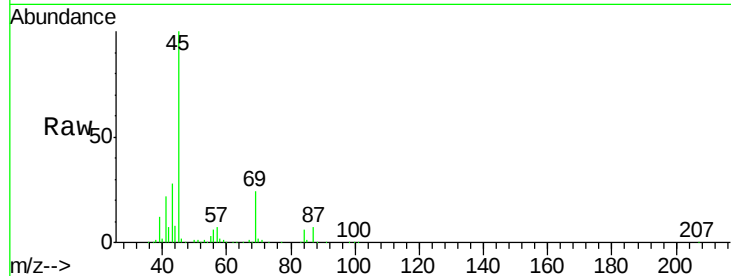
Tgt Ion: 69 Resp: 53928

Ion Ratio Lower Upper

69 100

41 96.4 51.1 76.7#

39 0.0 33.8 50.8#



#57

1,3-Dichloropropane

Concen: 0.75 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

Lab File: VN060229.D

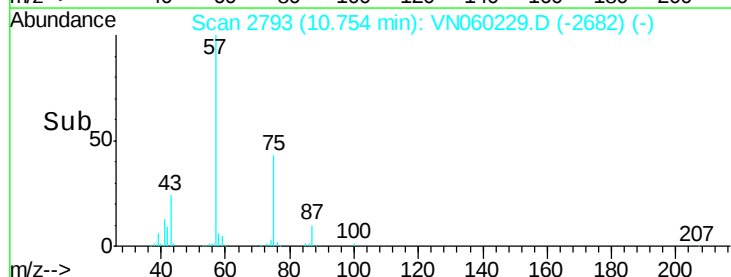
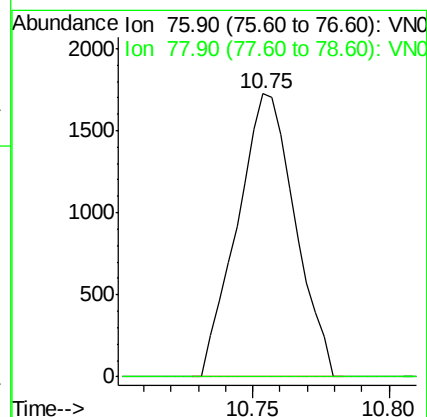
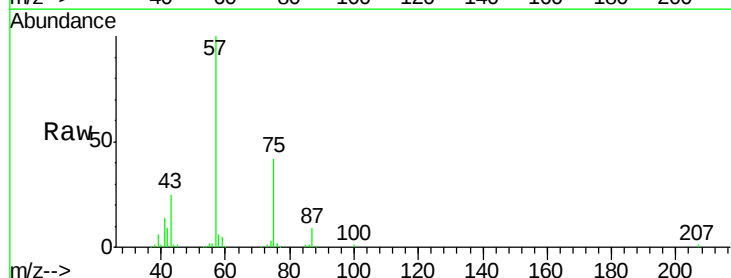
Acq: 25 Feb 2020 13:19

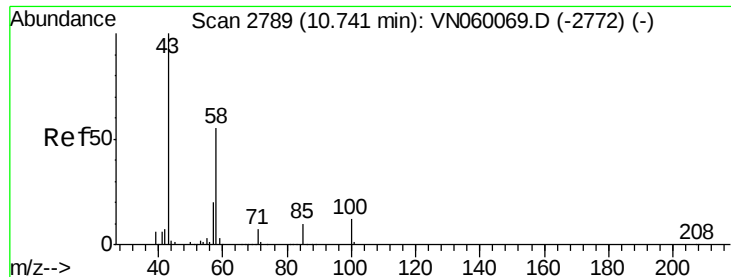
Tgt Ion: 76 Resp: 2526

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#

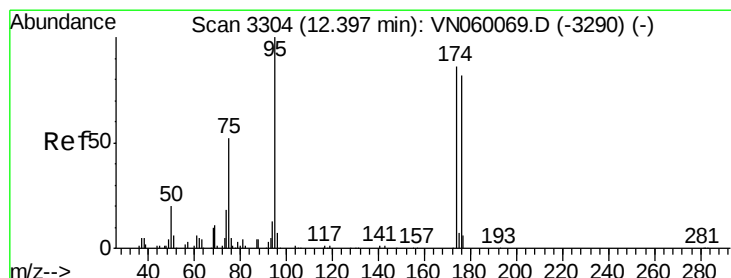
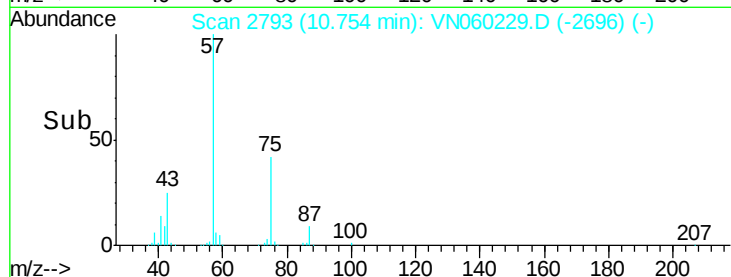
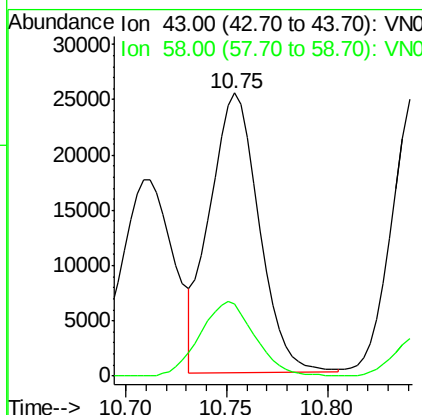
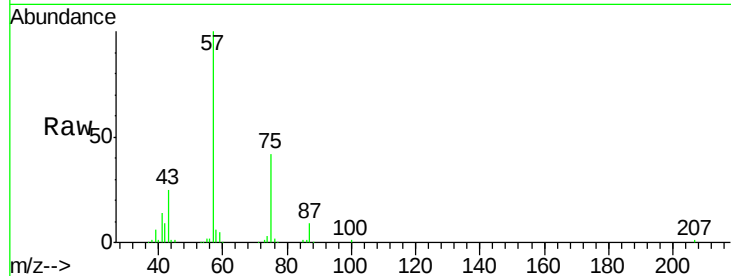




#59
2-Hexanone
Concen: 22.59 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.01 min
Lab File: VN060229.D
Acq: 25 Feb 2020 13:19

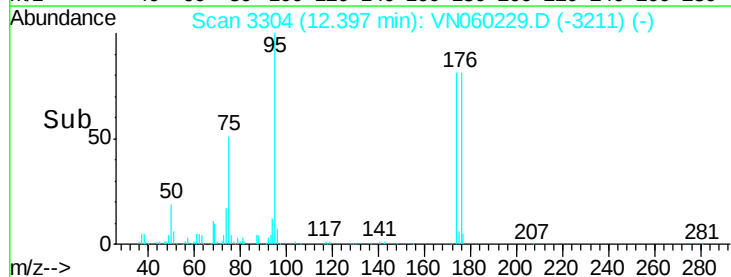
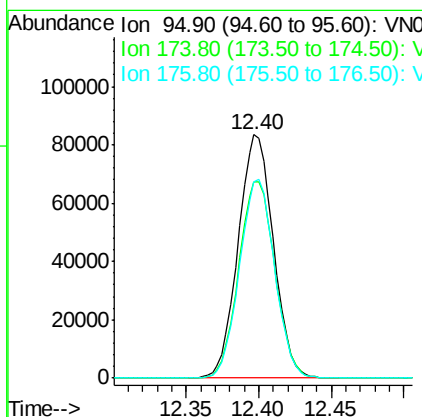
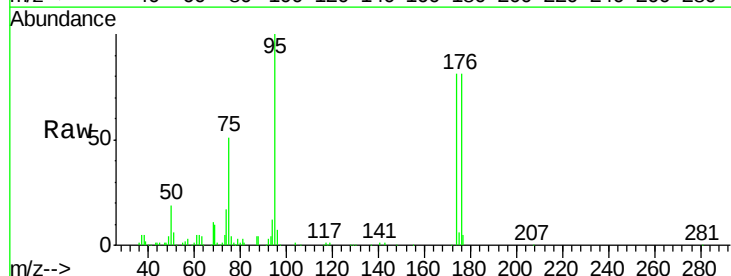
Instrument :
MSVOA_N
ClientSampleId :
30793

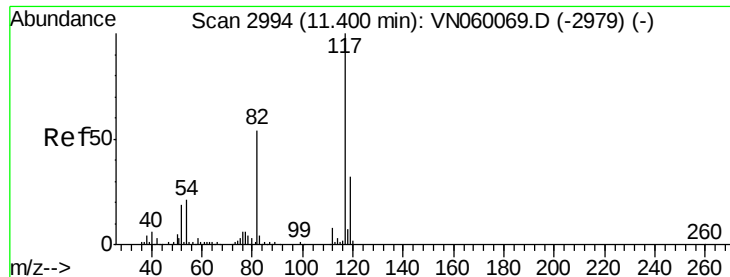
Tgt Ion: 43 Resp: 42964
Ion Ratio Lower Upper
43 100
58 29.6 27.5 82.4



#62
4-Bromofluorobenzene
Concen: 53.41 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060229.D
Acq: 25 Feb 2020 13:19

Tgt Ion: 95 Resp: 141226
Ion Ratio Lower Upper
95 100
174 83.0 0.0 169.8
176 81.3 0.0 164.8

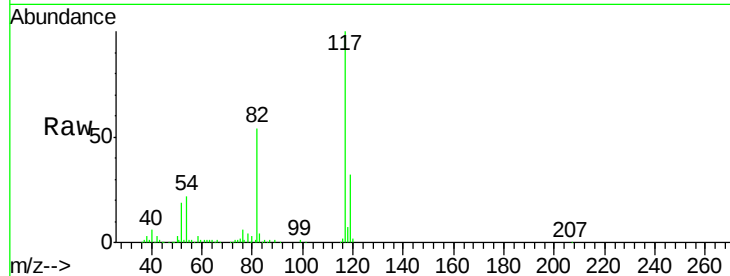




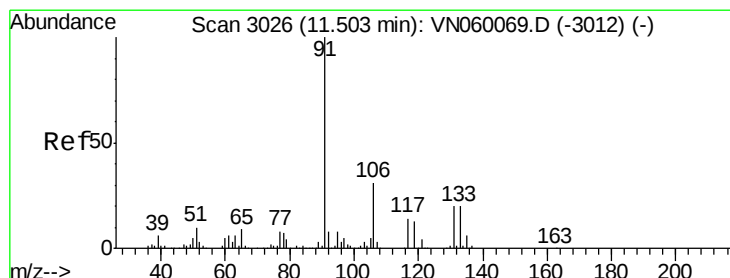
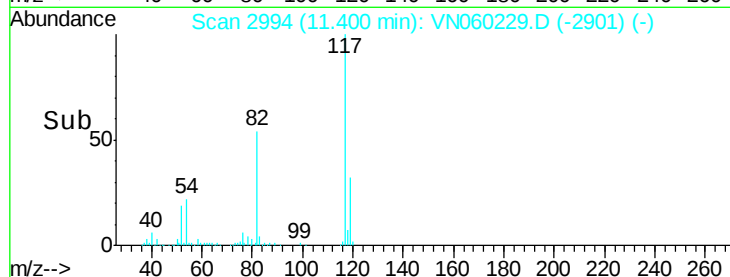
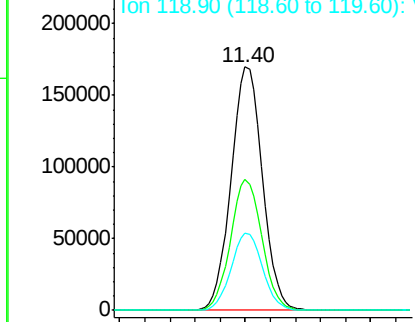
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060229.D
Acq: 25 Feb 2020 13:19

Instrument :
MSVOA_N
ClientSampled :
30793

Tgt Ion: 117 Resp: 294305
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 31.6 25.8 38.6

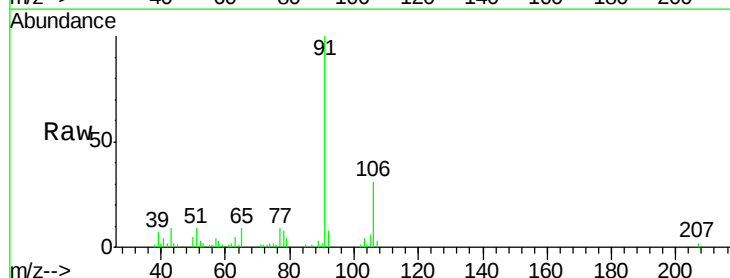


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

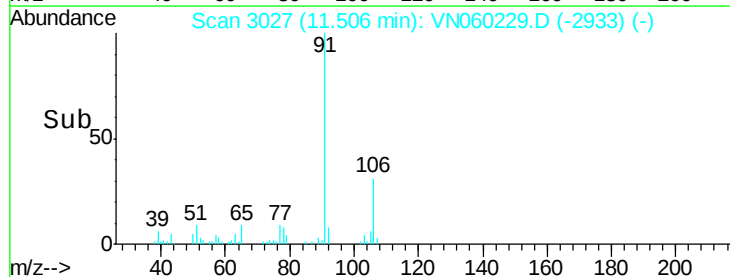
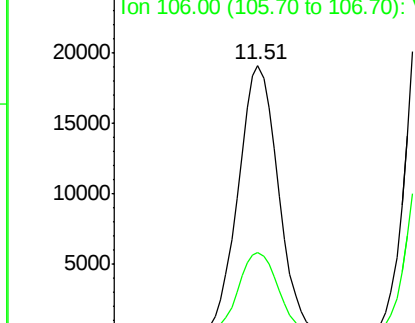


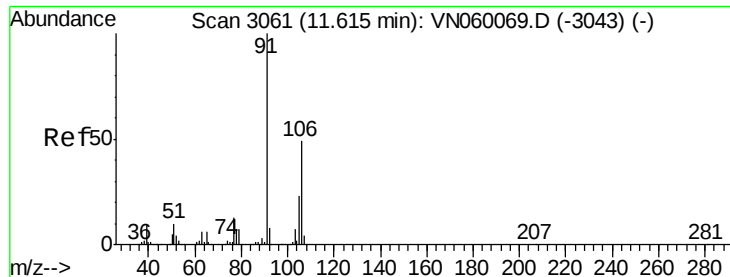
#67
Ethyl Benzene
Concen: 2.99 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN060229.D
Acq: 25 Feb 2020 13:19

Tgt Ion: 91 Resp: 32286
Ion Ratio Lower Upper
91 100
106 30.6 25.1 37.7



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

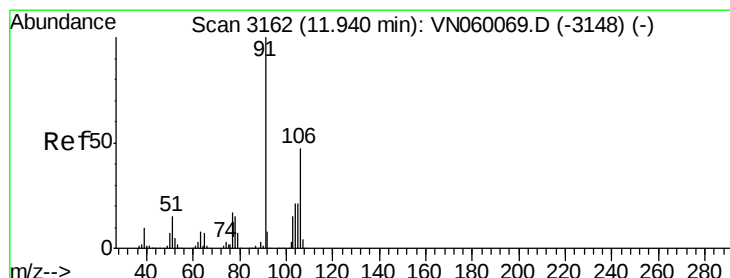
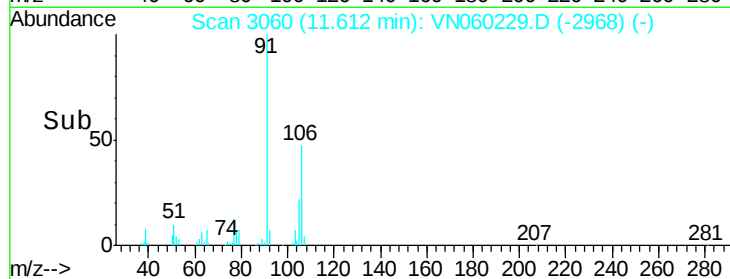
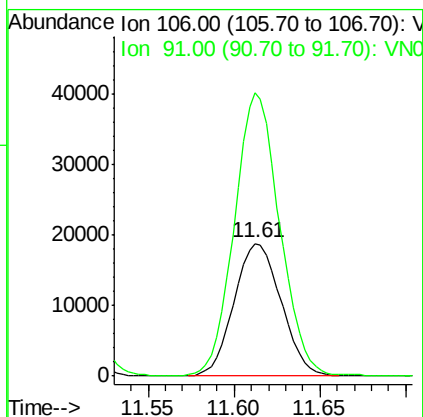
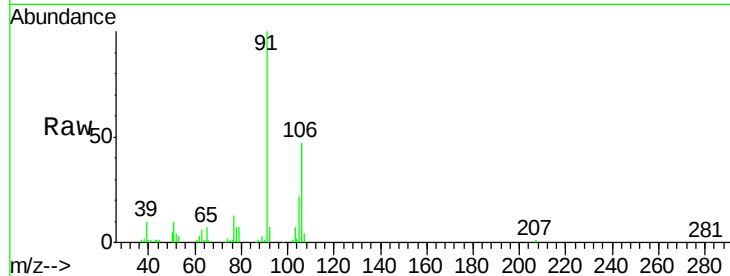




#68
m/p-Xylenes
Concen: 8.80 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060229.D
Acq: 25 Feb 2020 13:19

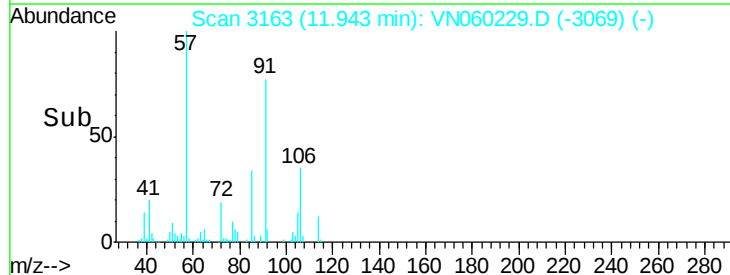
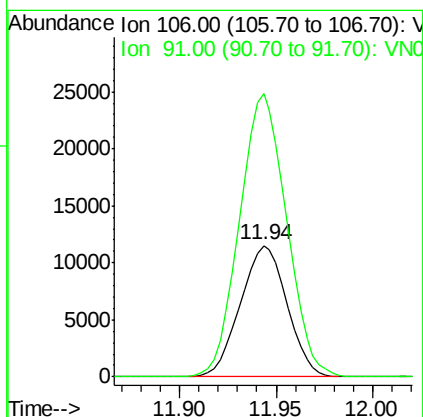
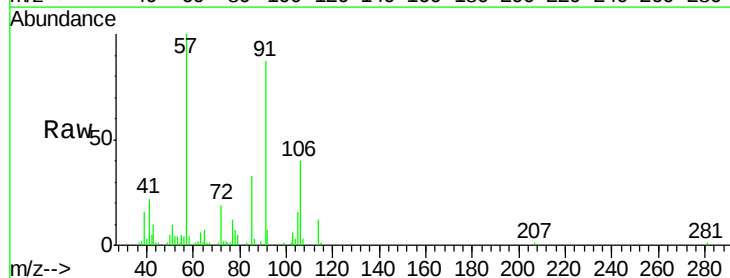
Instrument :
MSVOA_N
ClientSampled :
30793

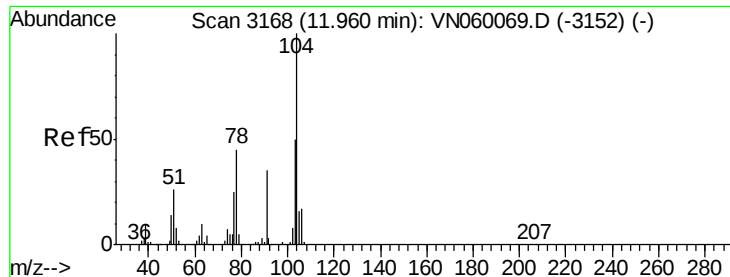
Tgt Ion:106 Resp: 35725
Ion Ratio Lower Upper
106 100
91 205.6 162.7 244.1



#69
o-Xylene
Concen: 4.94 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060229.D
Acq: 25 Feb 2020 13:19

Tgt Ion:106 Resp: 19289
Ion Ratio Lower Upper
106 100
91 216.9 107.2 321.6





#70

Styrene

Concen: 0.26 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.01 min

Lab File: VN060229.D

Acq: 25 Feb 2020 13:19

Instrument :

MSVOA_N

ClientSampleId :

30793

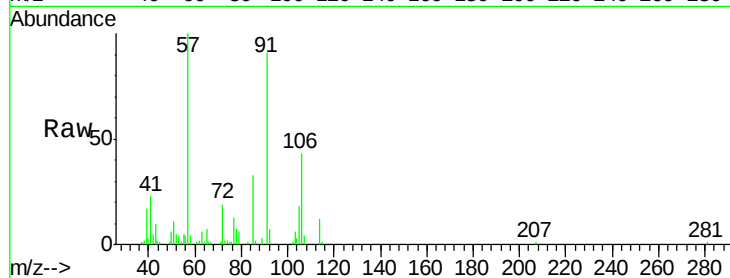
Tgt Ion:104 Resp: 1616

Ion Ratio Lower Upper

104 100

78 201.2 40.2 60.2#

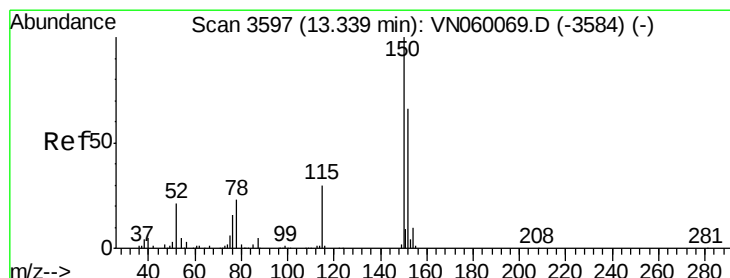
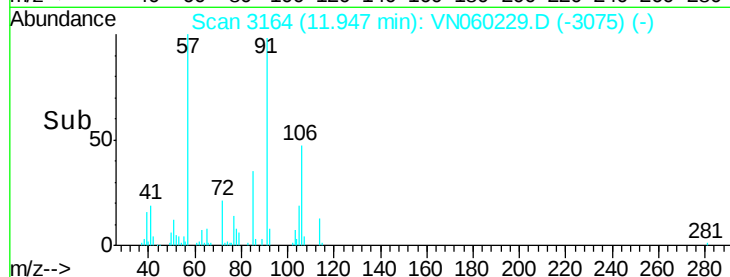
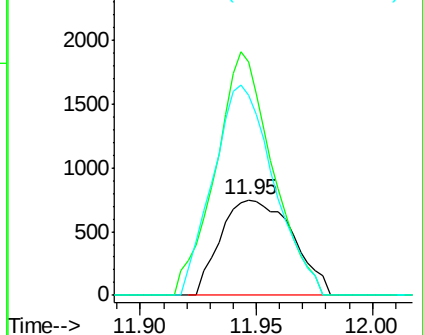
103 185.8 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060229.D

Acq: 25 Feb 2020 13:19

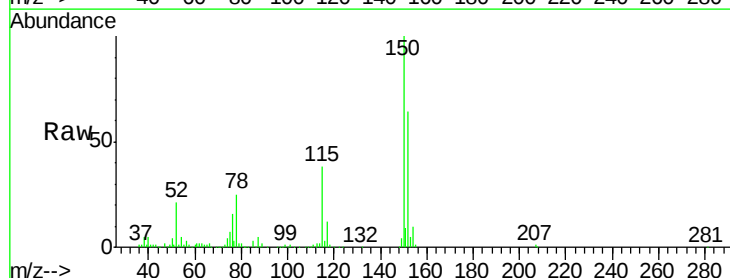
Tgt Ion:152 Resp: 139894

Ion Ratio Lower Upper

152 100

115 58.4 28.9 86.8

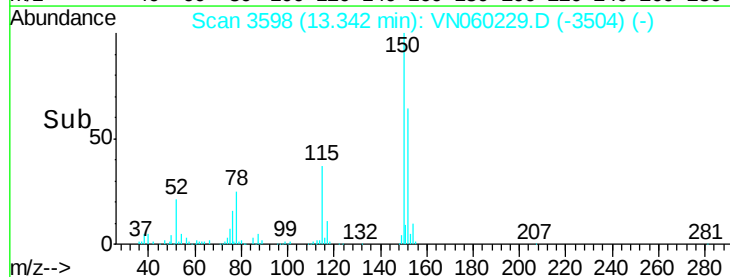
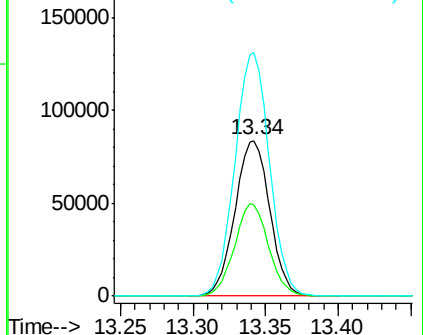
150 155.2 0.0 342.4

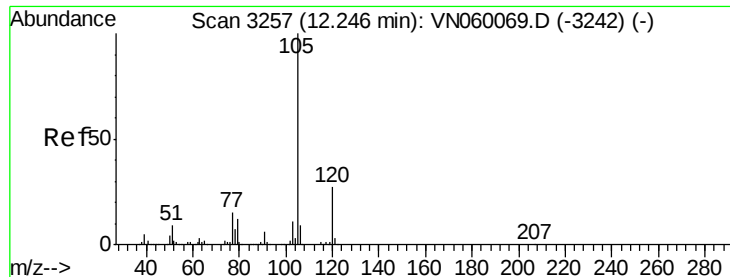


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.32 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060229.D

Acq: 25 Feb 2020 13:19

Instrument :

MSVOA_N

ClientSampleId :

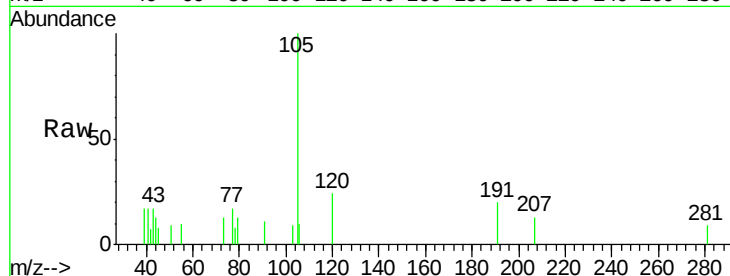
30793

Tgt Ion: 105 Resp: 3319

Ion Ratio Lower Upper

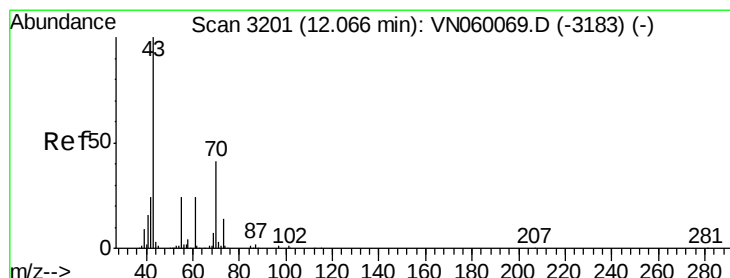
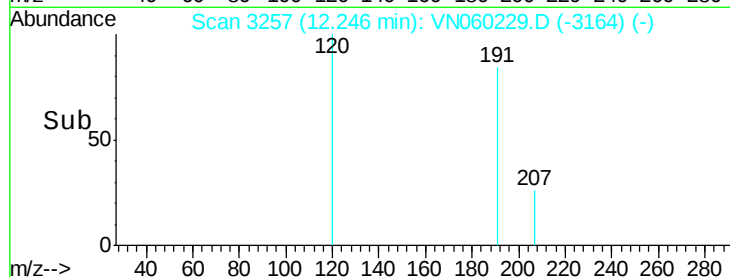
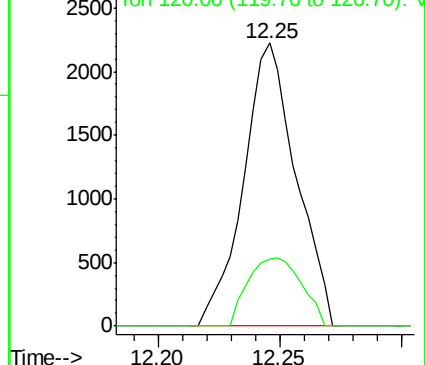
105 100

120 24.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.72 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. -0.04 min

Lab File: VN060229.D

Acq: 25 Feb 2020 13:19

Tgt Ion: 43 Resp: 17771

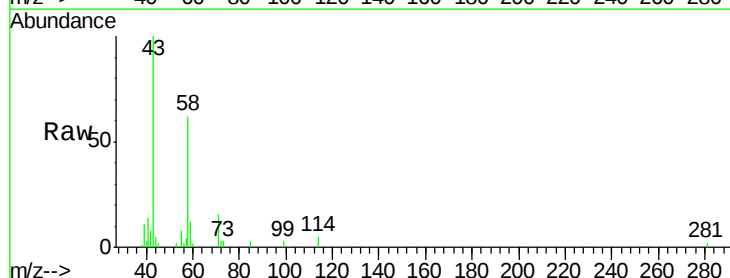
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 0.0 18.8 28.2#

61 0.0 19.2 28.8#

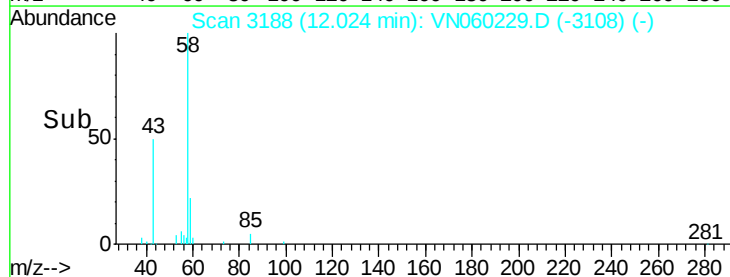
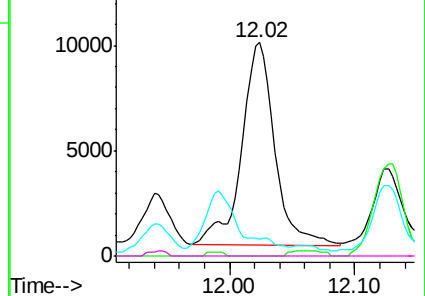


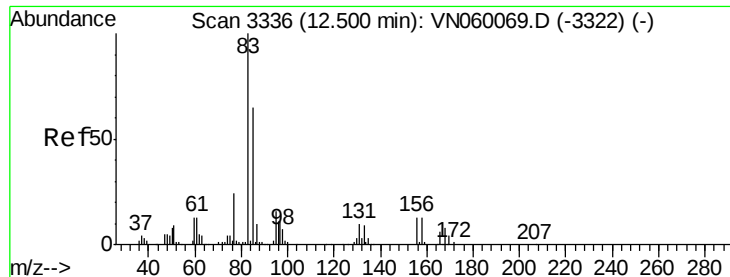
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.26 ug/l

RT: 12.52 min Scan# 3341

Delta R.T. 0.02 min

Lab File: VN060229.D

Acq: 25 Feb 2020 13:19

Instrument :

MSVOA_N

ClientSampleId :

30793

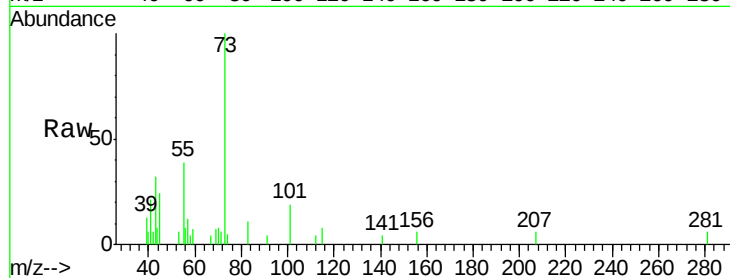
Tgt Ion: 83 Resp: 795

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.3 96.9#



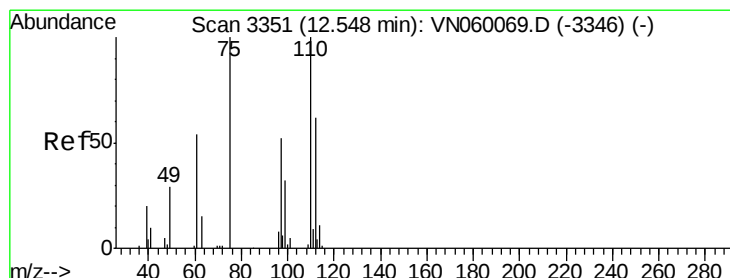
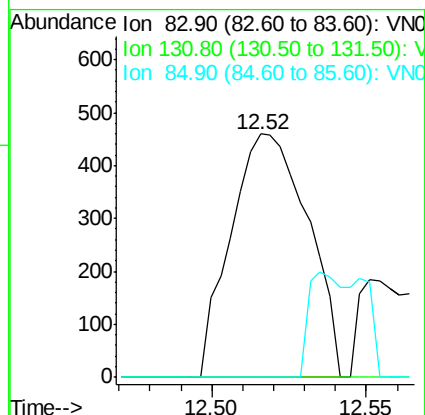
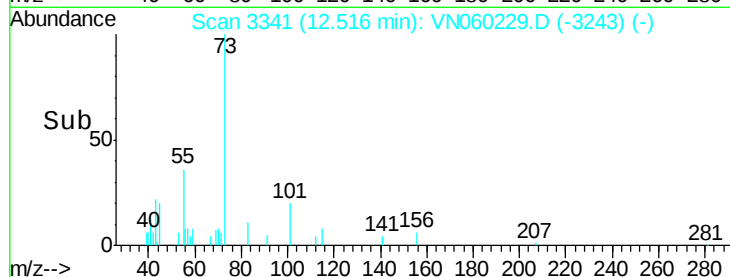
Abundance Ion 82.90 (82.60 to 83.60): VN060069.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060069.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060069.D (-3322) (-)

12.52

12.55



#76

1,2,3-Trichloropropane

Concen: 26.82 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060229.D

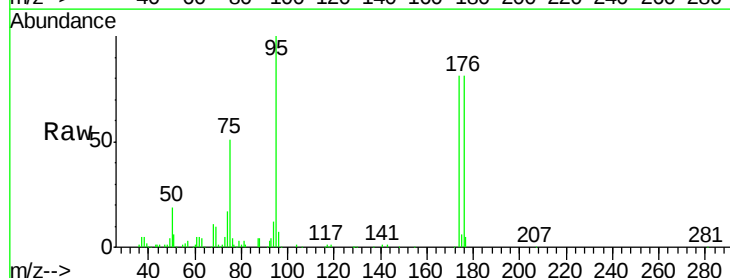
Acq: 25 Feb 2020 13:19

Tgt Ion: 75 Resp: 71776

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#

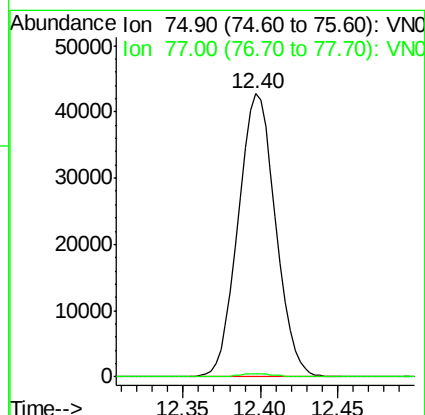
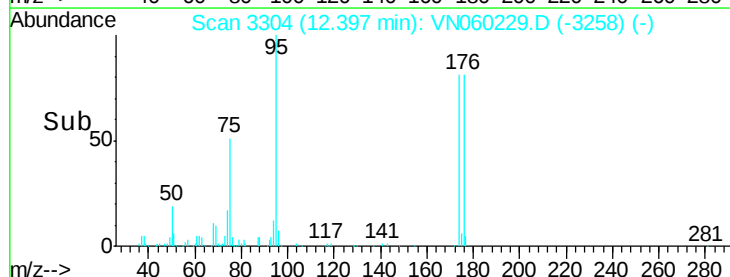


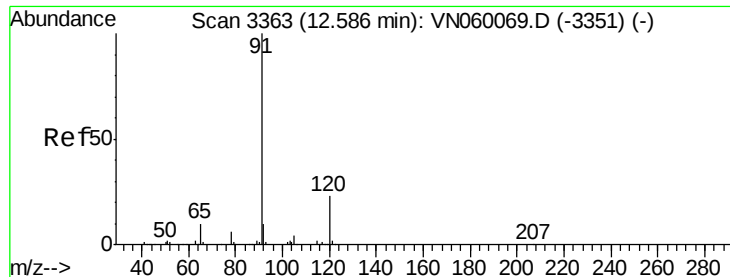
Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060069.D (-3346) (-)

12.40

12.45





#78

n-propylbenzene

Concen: 0.55 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN060229.D

Acq: 25 Feb 2020 13:19

Instrument :

MSVOA_N

ClientSampled :

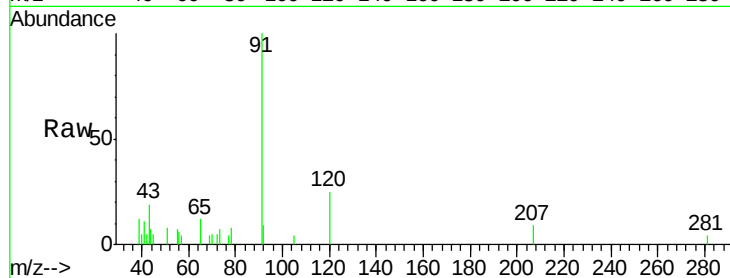
30793

Tgt Ion: 91 Resp: 6582

Ion Ratio Lower Upper

91 100

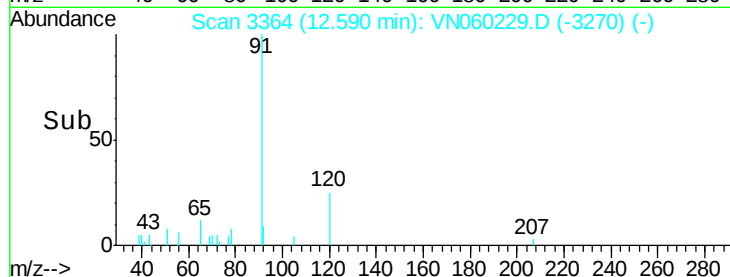
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3351) (-)

Ion 120.00 (119.70 to 120.70): VN060069.D (-3351) (-)

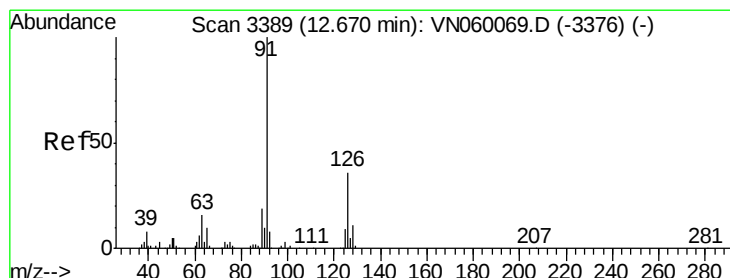
Time-->



Abundance Ion 91.00 (90.70 to 91.70): VN060229.D (-3270) (-)

Ion 120.00 (119.70 to 120.70): VN060229.D (-3270) (-)

Time-->



#79

2-Chlorotoluene

Concen: 0.34 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.02 min

Lab File: VN060229.D

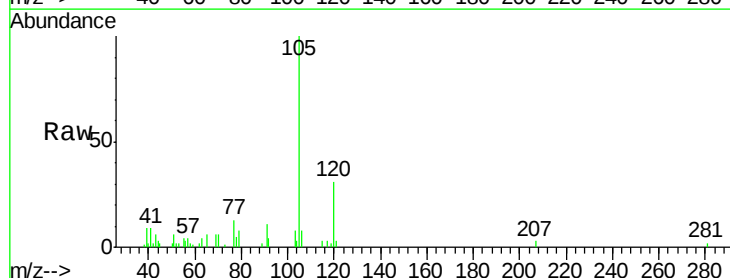
Acq: 25 Feb 2020 13:19

Tgt Ion: 91 Resp: 2401

Ion Ratio Lower Upper

91 100

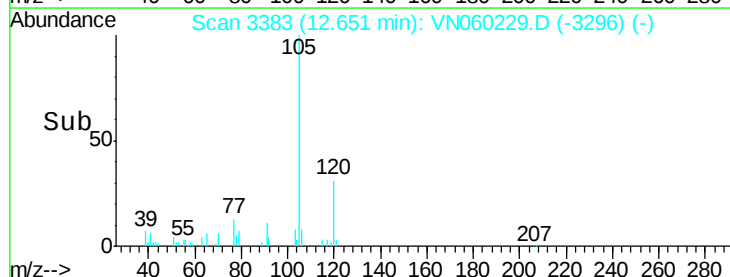
126 0.0 17.4 52.2#



Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060069.D (-3376) (-)

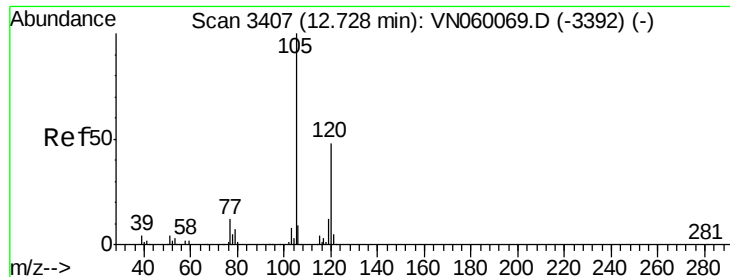
Time-->



Abundance Ion 91.00 (90.70 to 91.70): VN060229.D (-3296) (-)

Ion 125.90 (125.60 to 126.60): VN060229.D (-3296) (-)

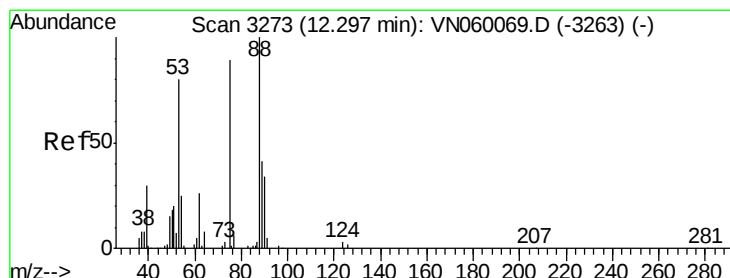
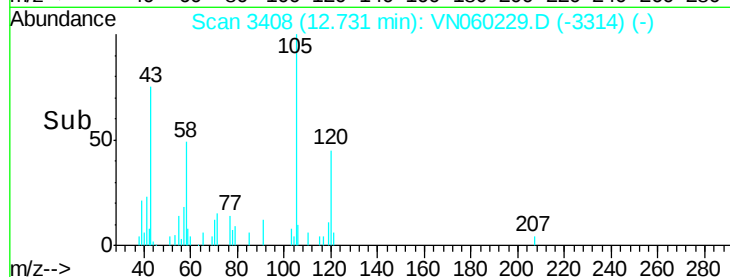
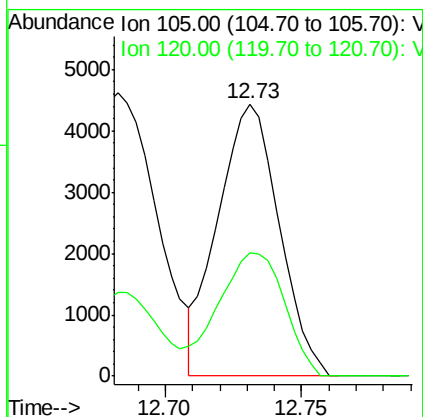
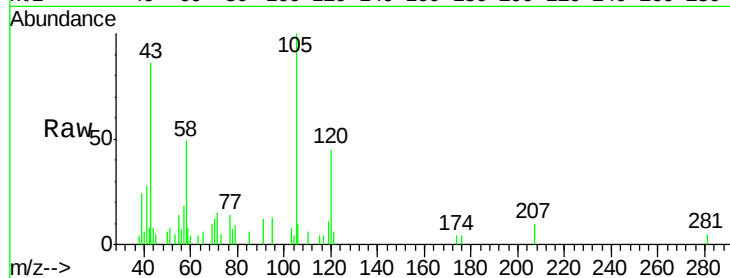
Time-->



#80
 1,3,5-Trimethylbenzene
 Concen: 0.80 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN060229.D
 Acq: 25 Feb 2020 13:19

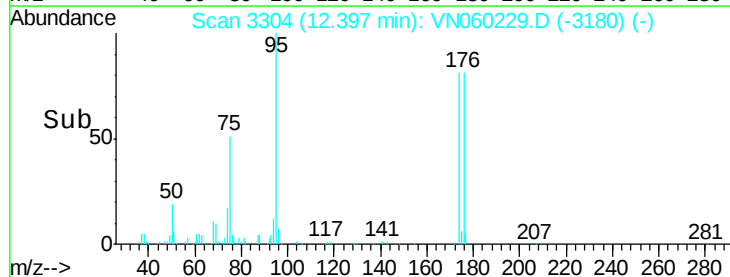
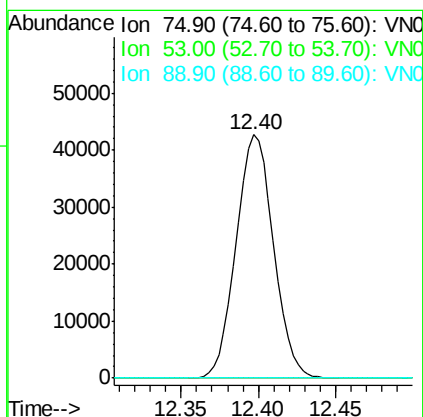
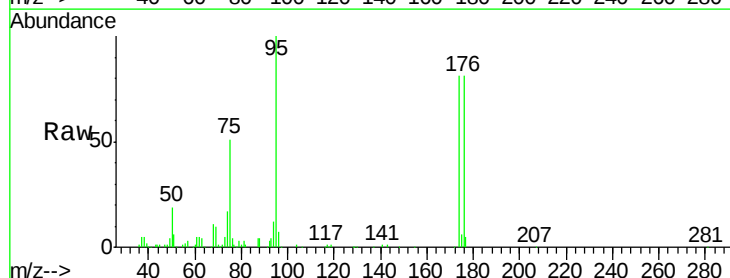
Instrument :
 MSVOA_N
 ClientSampled :
 30793

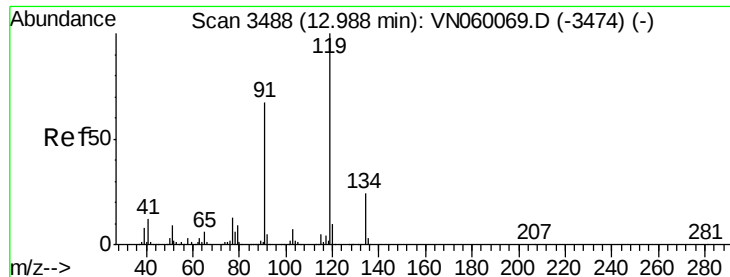
Tgt Ion: 105 Resp: 6921
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.66 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.10 min
 Lab File: VN060229.D
 Acq: 25 Feb 2020 13:19

Tgt Ion: 75 Resp: 71776
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.0 37.0 55.4#

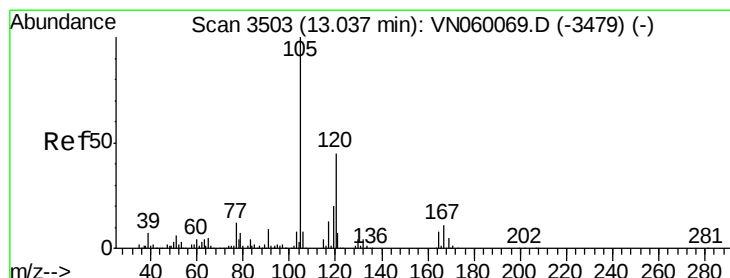
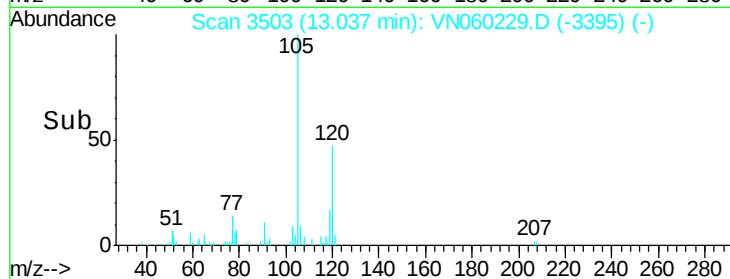
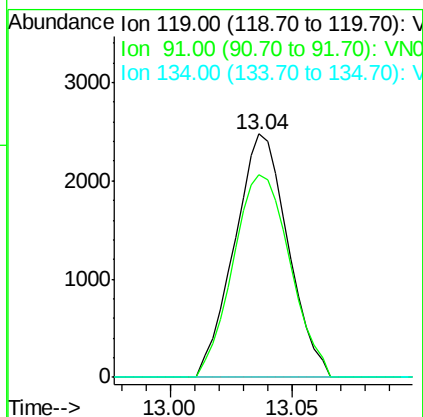
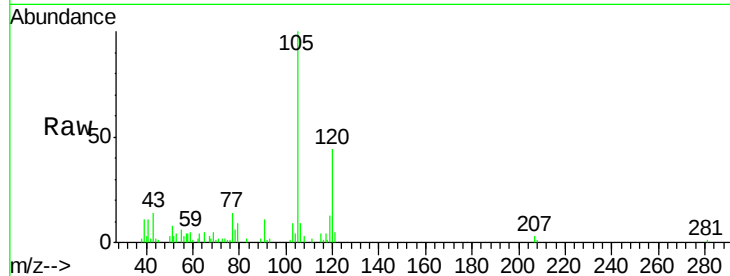




#83
 tert-Butylbenzene
 Concen: 0.49 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.05 min
 Lab File: VN060229.D
 Acq: 25 Feb 2020 13:19

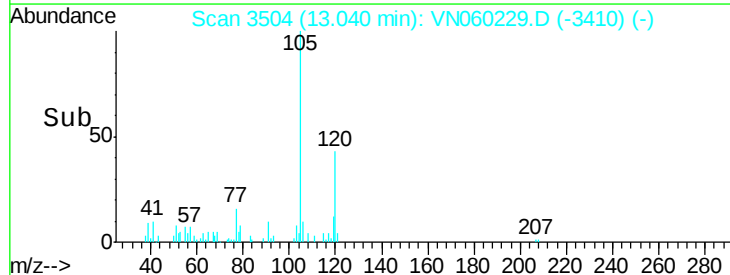
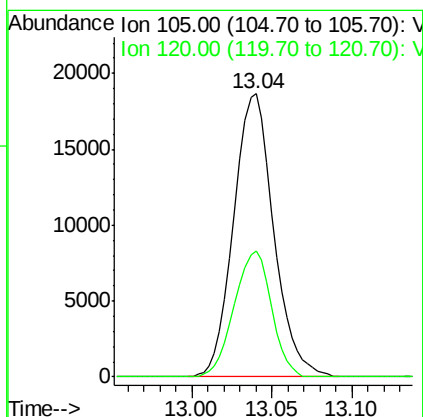
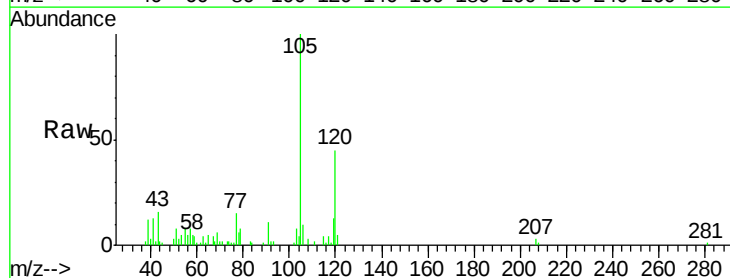
Instrument :
 MSVOA_N
 ClientSampled :
 30793

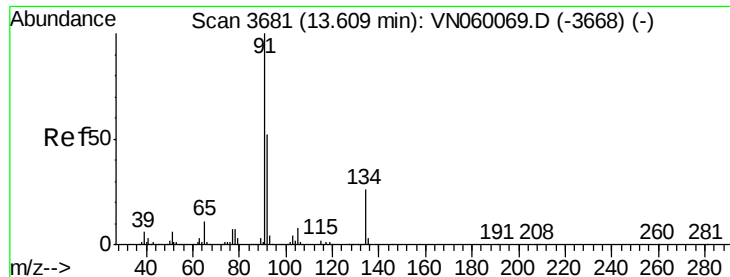
Tgt Ion:119 Resp: 3763
 Ion Ratio Lower Upper
 119 100
 91 88.9 32.7 98.1
 134 0.0 12.9 38.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 3.72 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN060229.D
 Acq: 25 Feb 2020 13:19

Tgt Ion:105 Resp: 31856
 Ion Ratio Lower Upper
 105 100
 120 41.1 22.4 67.3

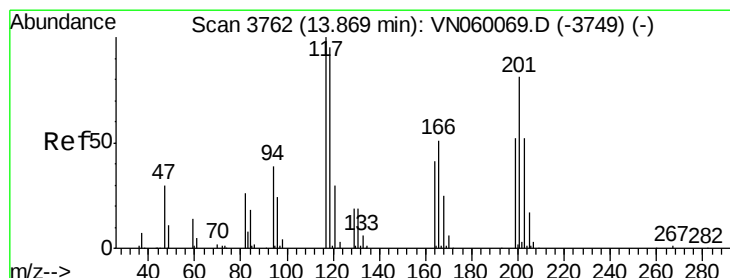
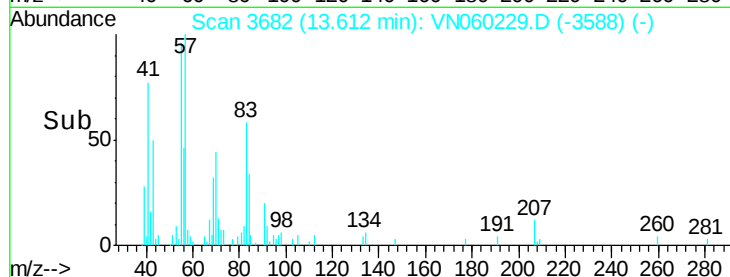
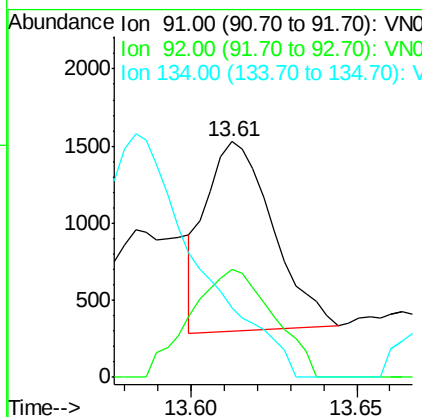
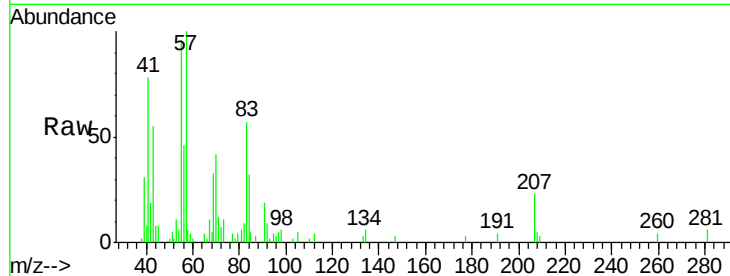




#89
n-Butylbenzene
Concen: 0.21 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060229.D
Acq: 25 Feb 2020 13:19

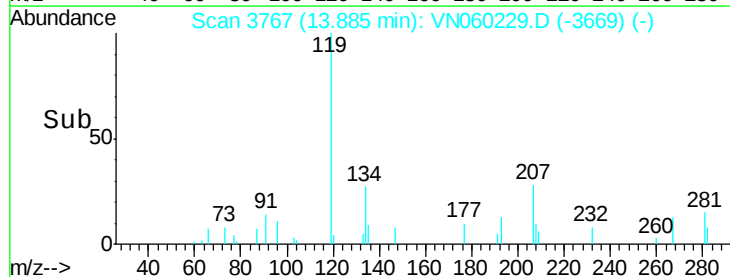
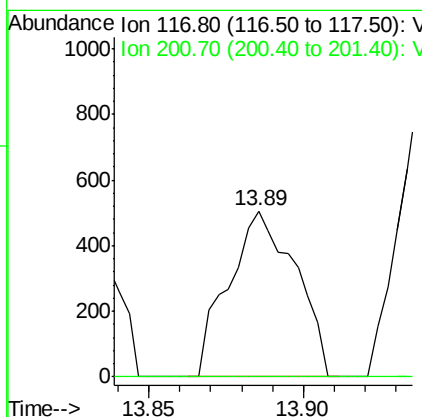
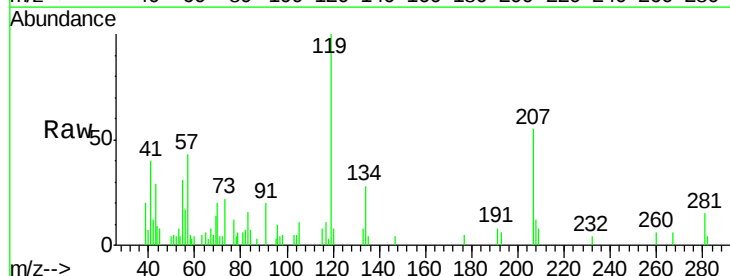
Instrument :
MSVOA_N
ClientSampled :
30793

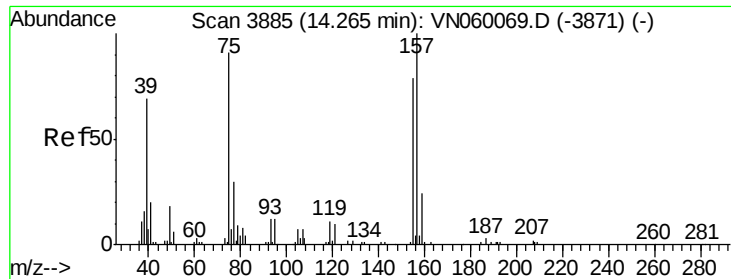
Tgt Ion: 91 Resp: 1725
Ion Ratio Lower Upper
91 100
92 70.3 26.1 78.2
134 0.0 13.1 39.3#



#90
Hexachloroethane
Concen: 0.44 ug/l
RT: 13.89 min Scan# 3767
Delta R.T. 0.02 min
Lab File: VN060229.D
Acq: 25 Feb 2020 13:19

Tgt Ion: 117 Resp: 766
Ion Ratio Lower Upper
117 100
201 0.0 41.7 125.1#

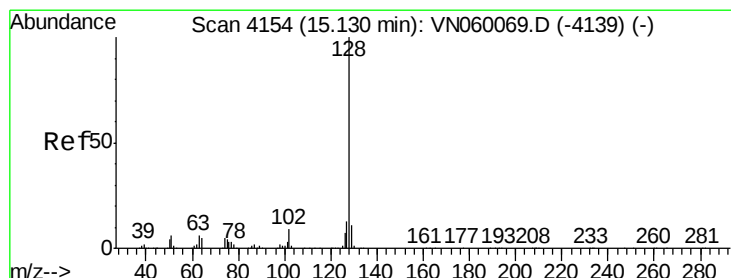
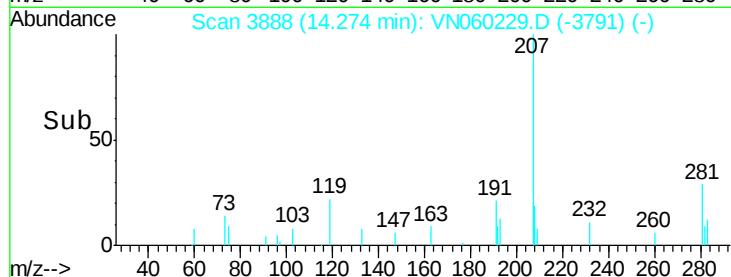
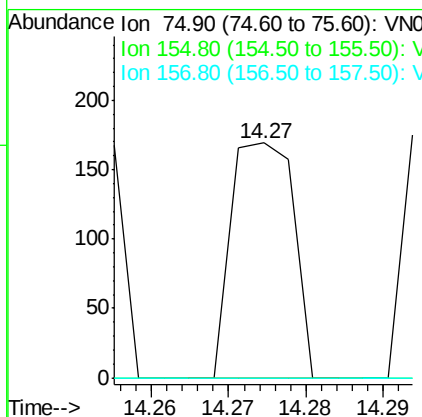
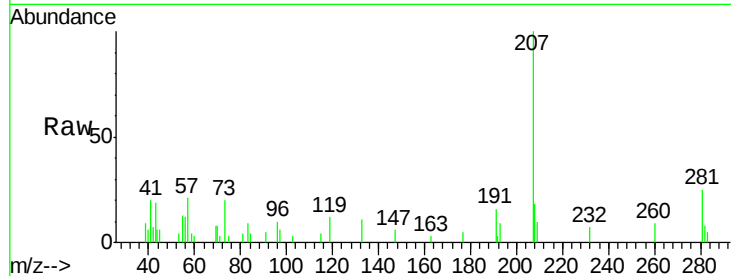




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.01 min
 Lab File: VN060229.D
 Acq: 25 Feb 2020 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 30793

Tgt Ion: 75 Resp: 95
 Ion Ratio Lower Upper
 75 100
 155 0.0 43.0 129.0#
 157 0.0 54.9 164.5#



#95
 Naphthalene
 Concen: 2.83 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. -0.00 min
 Lab File: VN060229.D
 Acq: 25 Feb 2020 13:19

Tgt Ion: 128 Resp: 20183
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.3 15.5
 129 11.7 8.6 13.0

