

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022520\
 Data File : VN060228.D
 Acq On : 25 Feb 2020 12:57
 Operator : JC/MD
 Sample : L1668-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30830

Quant Time: Feb 25 15:46:48 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	177320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	276765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	267053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	127825	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	104195	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	7.57	113	84900	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	10.08	98	339111	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.40	95	125090	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.14	50	539	0.26	ug/l #	43
11) Tert butyl alcohol	4.74	59	849	2.63	ug/l #	72
16) Acetone	3.79	43	40105	42.61	ug/l	100
17) Carbon Disulfide	4.03	76	1402	0.28	ug/l #	76
18) Methyl Acetate	4.30	43	1869	1.06	ug/l #	60
20) Methylene Chloride	4.53	84	7429	3.96	ug/l	96
23) Vinyl Acetate	6.00	43	1023	0.23	ug/l #	71
24) 1,1-Dichloroethane	5.82	63	4099	1.25	ug/l #	82
25) 2-Butanone	6.81	43	17541	14.82	ug/l	98
29) Tetrahydrofuran	7.16	42	188	0.26	ug/l #	30
31) Cyclohexane	7.65	56	3454	1.13	ug/l #	20
36) 1,1-Dichloropropene	7.64	75	12916	5.04	ug/l #	48
37) Ethyl Acetate	6.90	43	8918	3.85	ug/l #	80
38) Carbon Tetrachloride	7.65	117	16738	6.01	ug/l #	15
41) Methacrylonitrile	7.15	41	938	0.97	ug/l #	100
43) Isopropyl Acetate	8.14	43	40089	10.12	ug/l #	90
45) 1,2-Dichloropropane	9.25	63	625	0.33	ug/l #	43
48) Methyl methacrylate	9.16	41	3473	1.95	ug/l #	28
51) 4-Methyl-2-Pentanone	9.97	43	32233	14.06	ug/l	100
52) Toluene	10.14	92	20441	4.19	ug/l	96
54) cis-1,3-Dichloropropene	9.89	75	17996	5.60	ug/l #	62
56) Ethyl methacrylate	10.34	69	12143	4.51	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	2533	0.81	ug/l #	43
59) 2-Hexanone	10.76	43	39076	22.07	ug/l #	54
68) m/p-Xylenes	11.61	106	2141	0.58	ug/l	96
69) o-Xylene	11.95	106	1486	0.42	ug/l	90
74) N-amyl acetate	12.02	43	4568	1.33	ug/l #	43
76) 1,2,3-Trichloropropane	12.40	75	64853	26.52	ug/l #	100
77) Bromobenzene	12.53	156	697	0.29	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.73	105	2373	0.30	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.40	75	64853	64.93	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	7703	0.98	ug/l	99
86) p-Isopropyltoluene	13.29	119	1972	0.23	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.26	75	60	Below Cal	#	1

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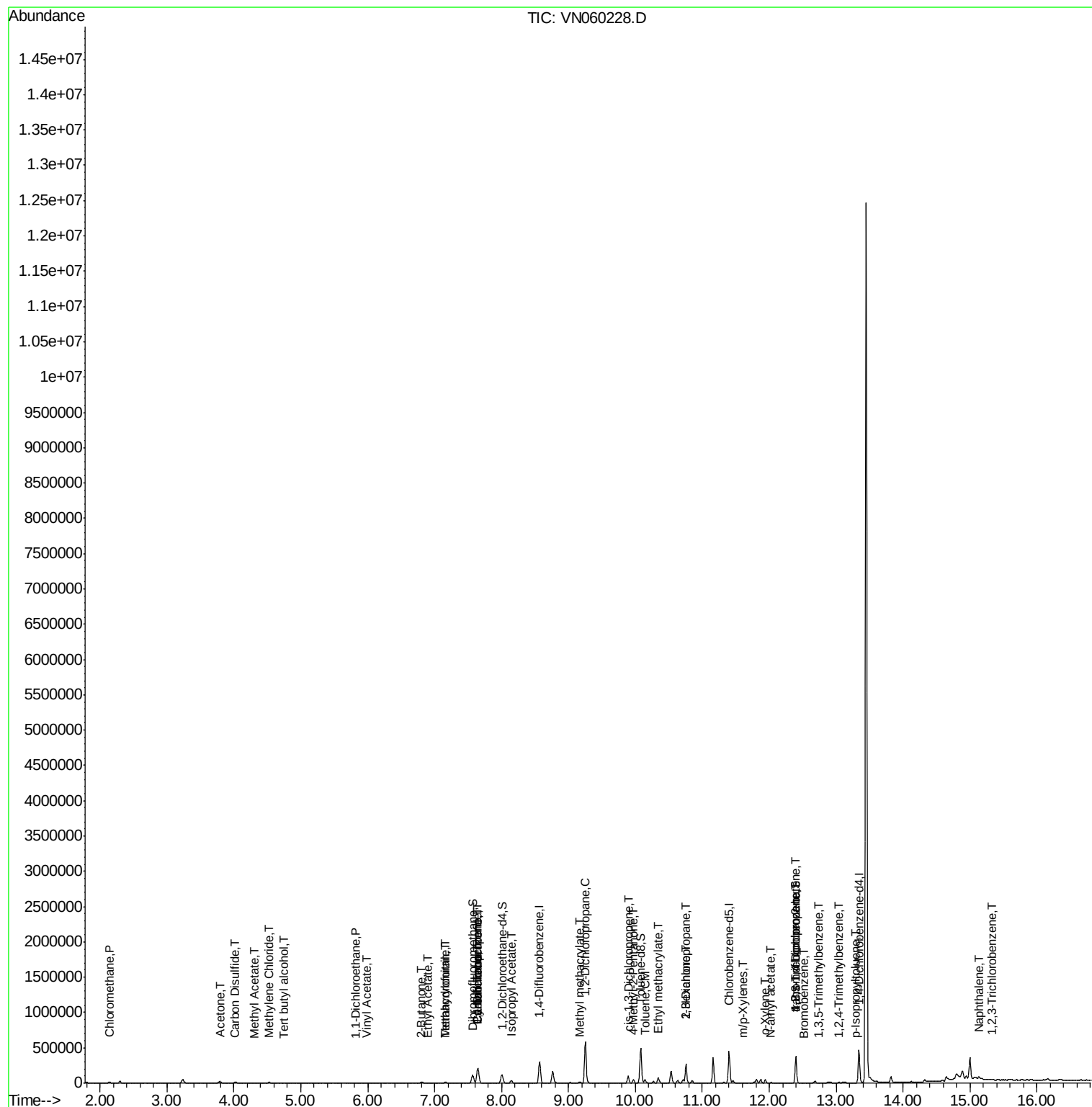
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	30356	4.66	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	487	0.20	ug/l #	63

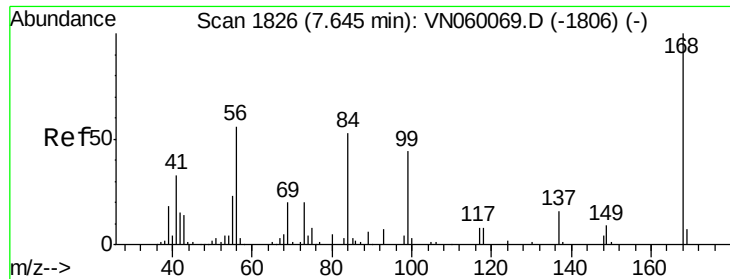
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060228.D

Acq: 25 Feb 2020 12:57

Instrument :

MSVOA_N

ClientSampled :

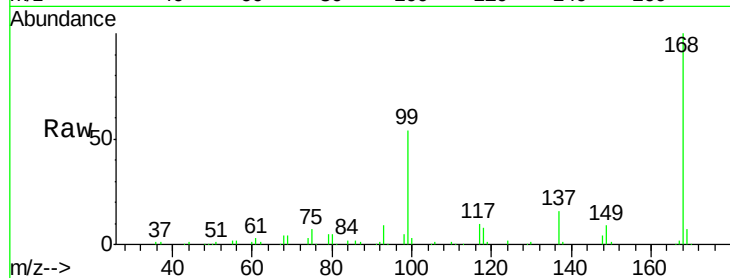
30830

Tgt Ion: 168 Resp: 177320

Ion Ratio Lower Upper

168 100

99 54.4 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): VN060069.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN060069.D (-1806) (-)

7.64

80000

60000

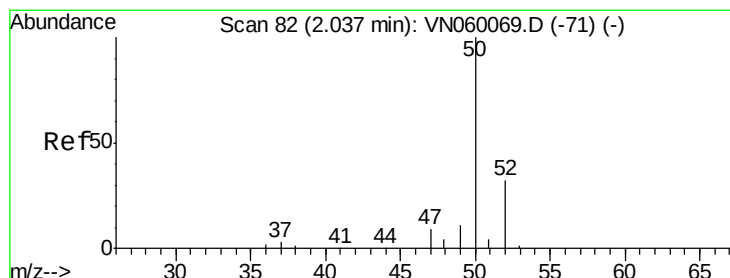
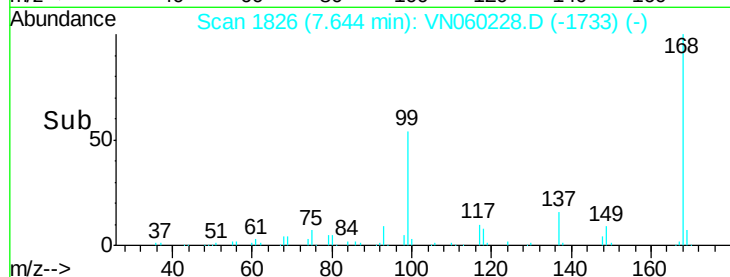
40000

20000

0

7.60 7.70

Time-->



#3

Chloromethane

Concen: 0.26 ug/l

RT: 2.14 min Scan# 113

Delta R.T. 0.10 min

Lab File: VN060228.D

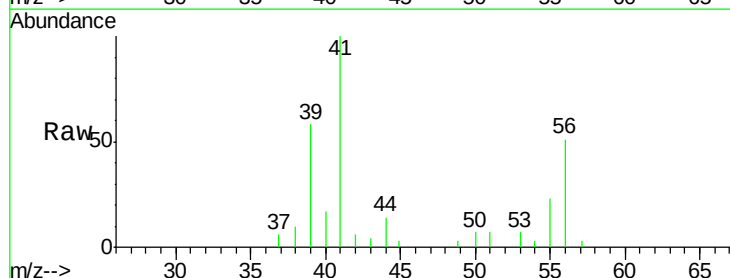
Acq: 25 Feb 2020 12:57

Tgt Ion: 50 Resp: 539

Ion Ratio Lower Upper

50 100

52 0.0 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VN060069.D (-71) (-)

Ion 51.90 (51.60 to 52.60): VN060069.D (-71) (-)

2.14

500

400

300

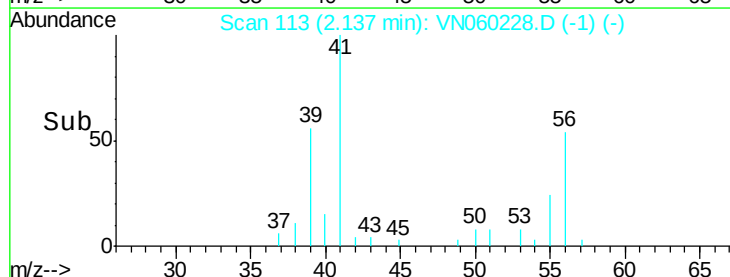
200

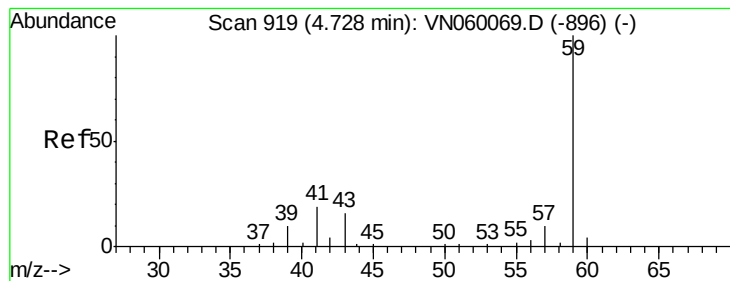
100

0

2.10 2.12 2.14 2.16

Time-->



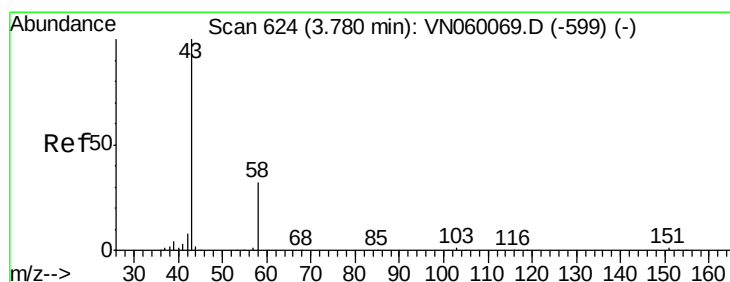
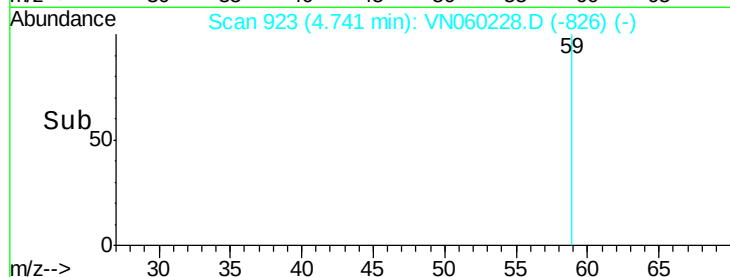
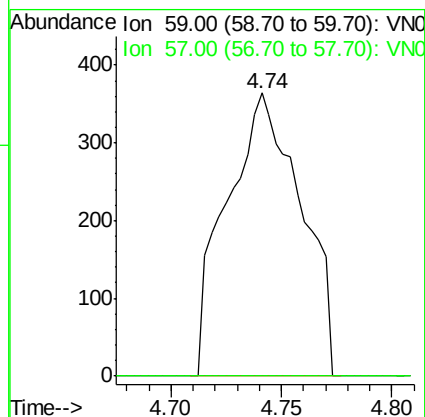
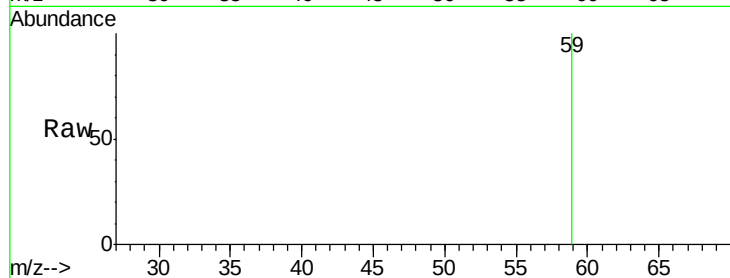


#11

Tert butyl alcohol
 Concen: 2.63 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VN060228.D
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Instrument :
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 ClientSampled :
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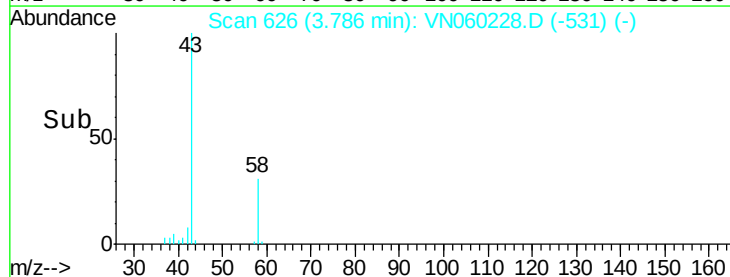
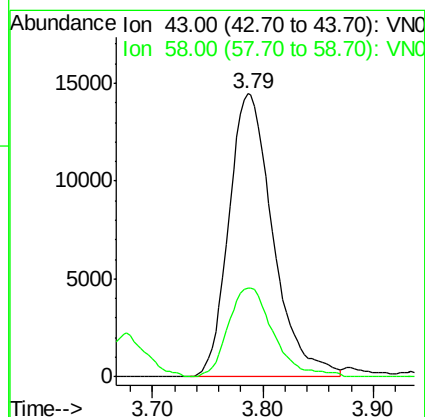
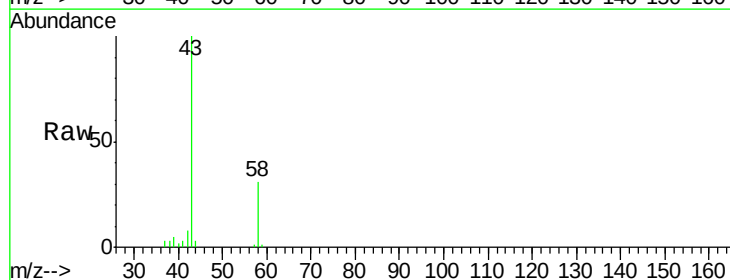
Tgt Ion: 59 Resp: 849
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

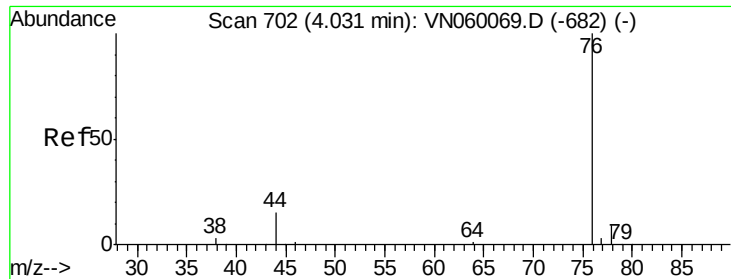


#16

Acetone
 Concen: 42.61 ug/l
 RT: 3.79 min Scan# 626
 Delta R.T. 0.01 min
 Lab File: VN060228.D
 Acq: 25 Feb 2020 12:57

Tgt Ion: 43 Resp: 40105
 Ion Ratio Lower Upper
 43 100
 58 31.3 25.2 37.8





#17

Carbon Disulfide

Concen: 0.28 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060228.D

Acq: 25 Feb 2020 12:57

Instrument :

MSVOA_N

ClientSampled :

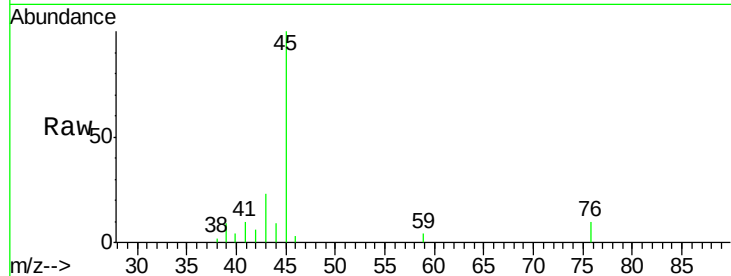
30830

Tgt Ion: 76 Resp: 1402

Ion Ratio Lower Upper

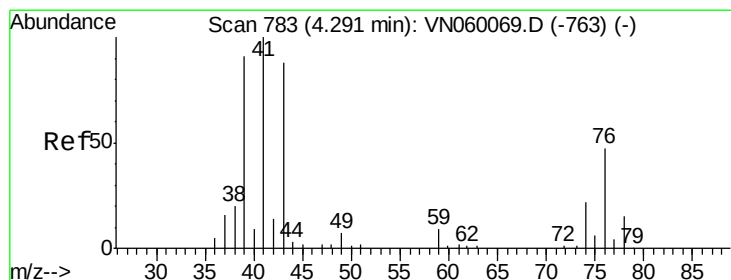
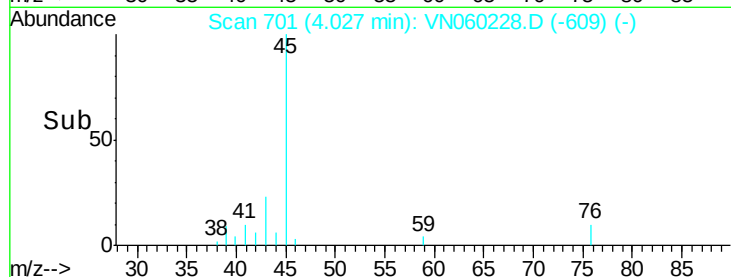
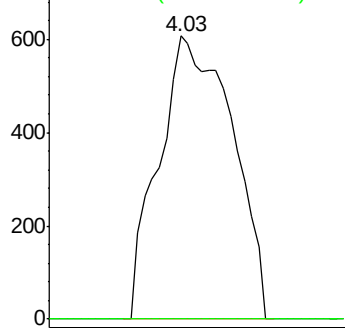
76 100

78 0.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 1.06 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.01 min

Lab File: VN060228.D

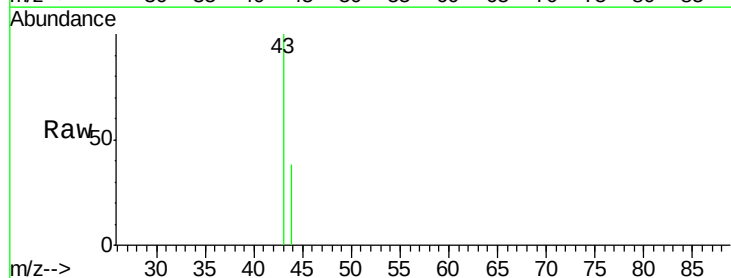
Acq: 25 Feb 2020 12:57

Tgt Ion: 43 Resp: 1869

Ion Ratio Lower Upper

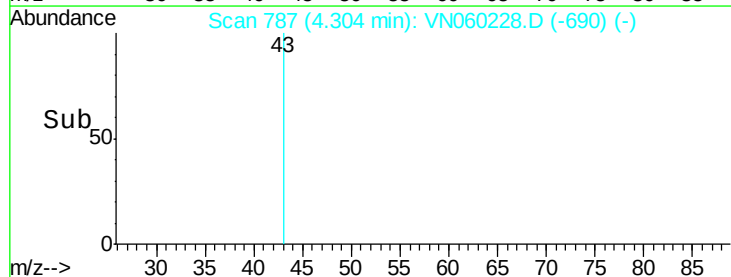
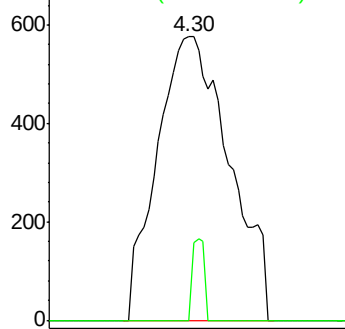
43 100

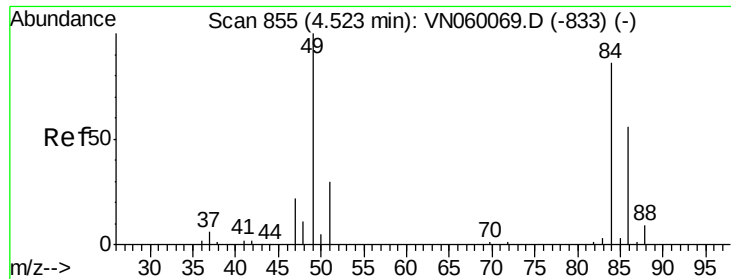
74 5.0 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

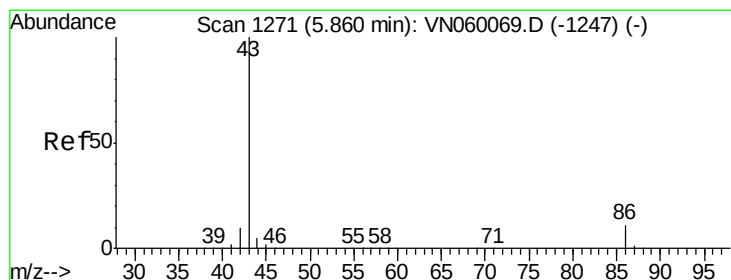
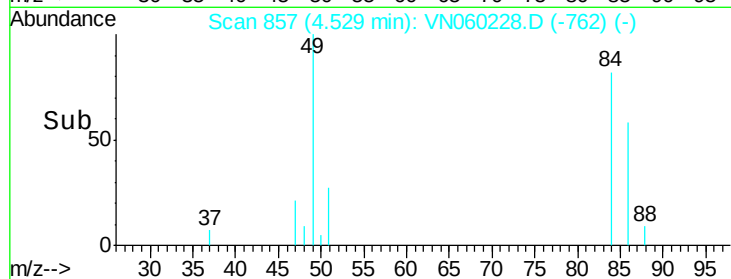
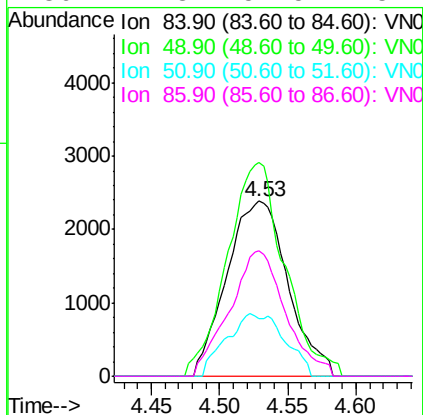
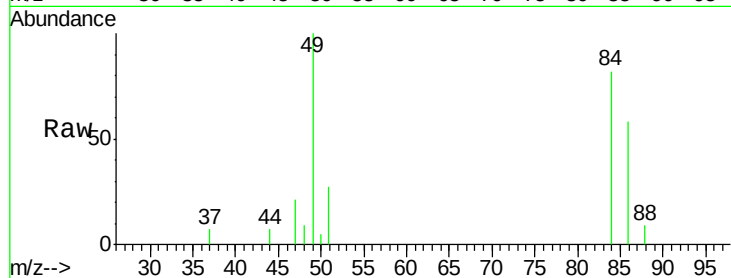




#20
Methylene Chloride
Concen: 3.96 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN060228.D
Acq: 25 Feb 2020 12:57

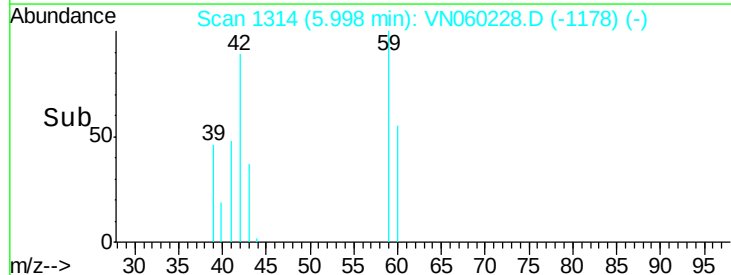
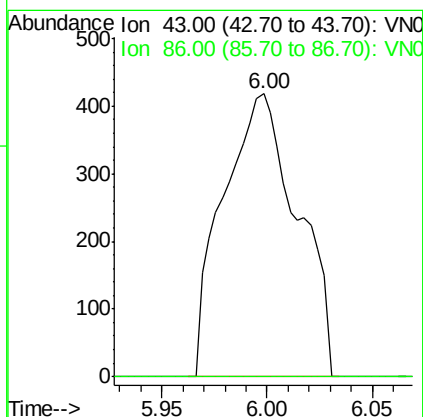
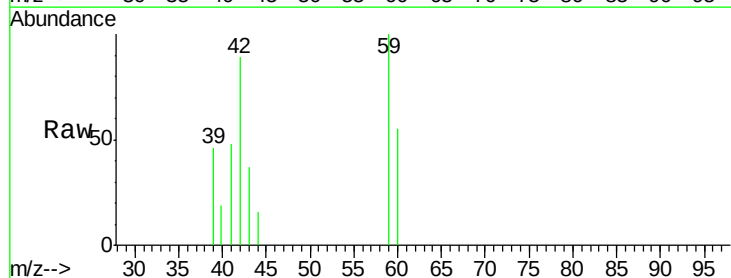
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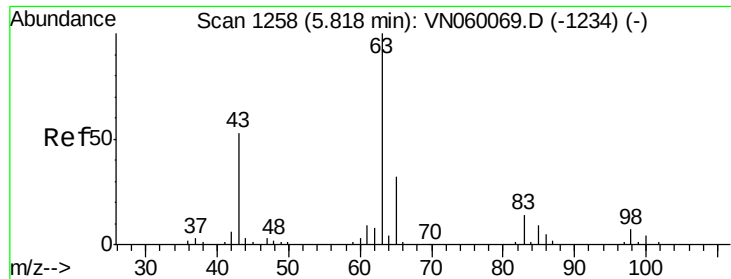
Tgt Ion: 84 Resp: 7429
Ion Ratio Lower Upper
84 100
49 115.0 93.4 140.0
51 33.1 28.4 42.6
86 71.3 52.5 78.7



#23
Vinyl Acetate
Concen: 0.23 ug/l
RT: 6.00 min Scan# 1314
Delta R.T. 0.14 min
Lab File: VN060228.D
Acq: 25 Feb 2020 12:57

Tgt Ion: 43 Resp: 1023
Ion Ratio Lower Upper
43 100
86 0.0 8.9 13.3#

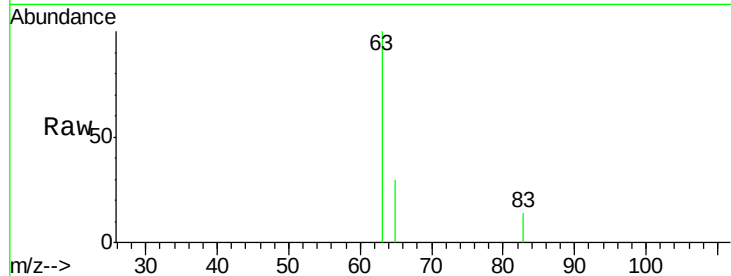




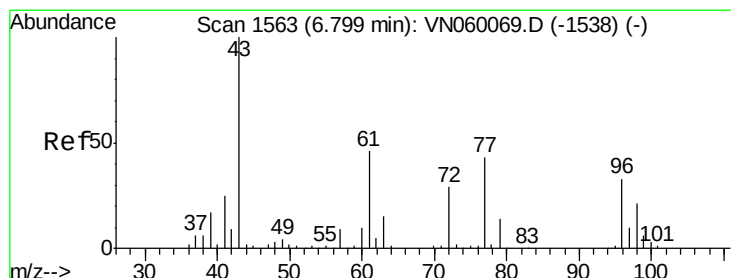
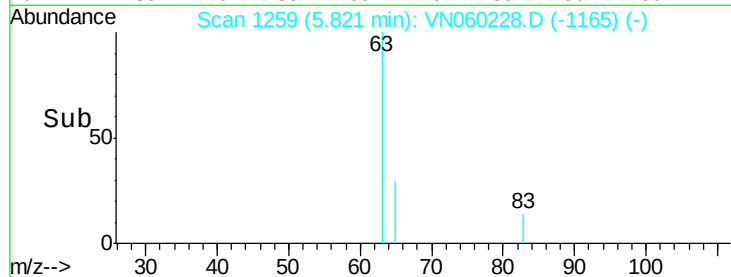
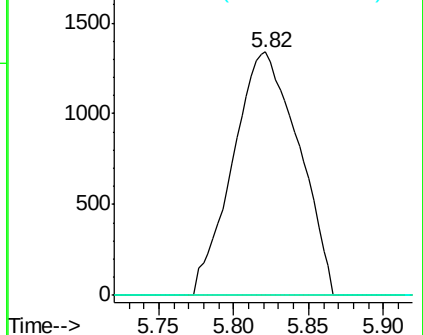
#24
 1,1-Dichloroethane
 Concen: 1.25 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN060228.D
 Acq: 25 Feb 2020 12:57

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Tgt Ion: 63 Resp: 4099
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.5#
 100 0.0 2.2 6.6#

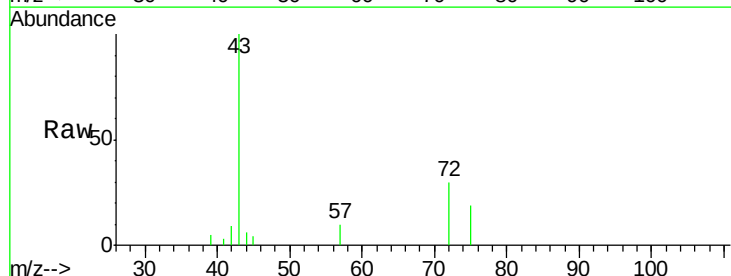


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0
 Ion 99.90 (99.60 to 100.60): VN0

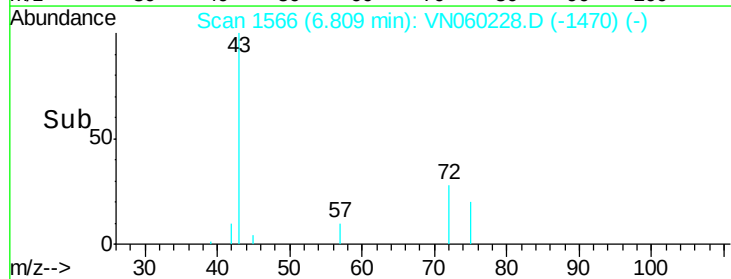
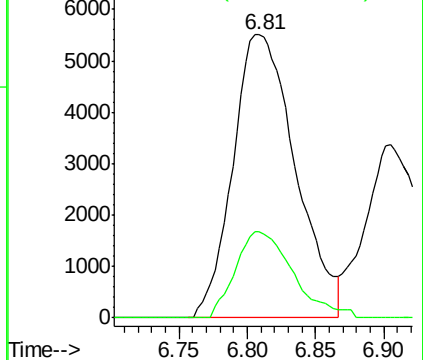


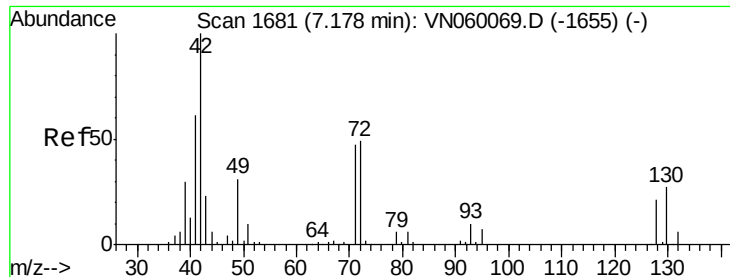
#25
 2-Butanone
 Concen: 14.82 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: VN060228.D
 Acq: 25 Feb 2020 12:57

Tgt Ion: 43 Resp: 17541
 Ion Ratio Lower Upper
 43 100
 72 30.4 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.26 ug/l

RT: 7.16 min Scan# 1675

Delta R.T. -0.02 min

Lab File: VN060228.D

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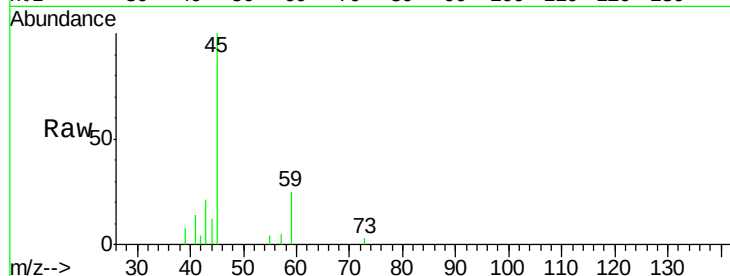
Tgt Ion: 42 Resp: 188

Ion Ratio Lower Upper

42 100

72 0.0 38.2 57.4#

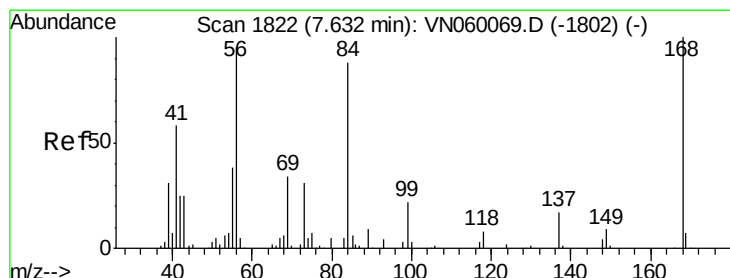
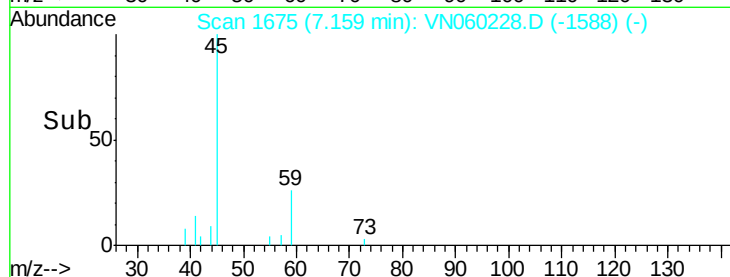
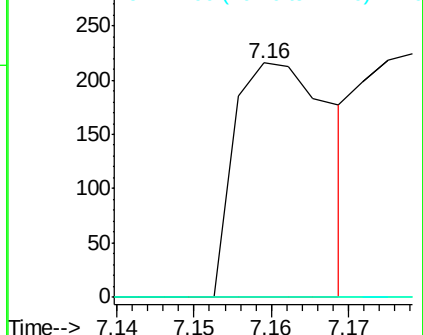
71 0.0 36.6 54.8#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 1.13 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.02 min

Lab File: VN060228.D

Acq: 25 Feb 2020 12:57

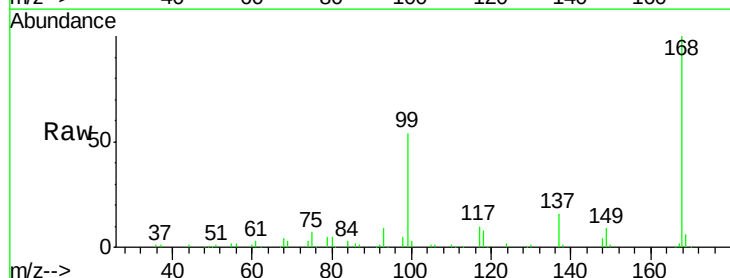
Tgt Ion: 56 Resp: 3454

Ion Ratio Lower Upper

56 100

69 158.2 28.3 42.5#

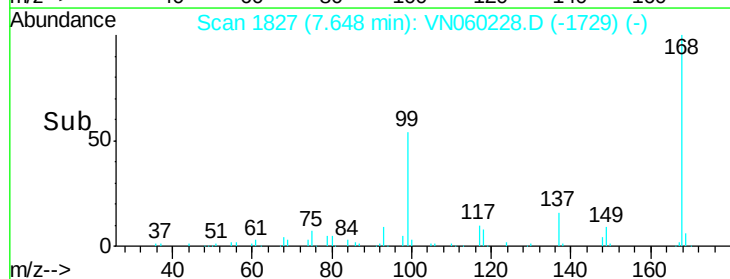
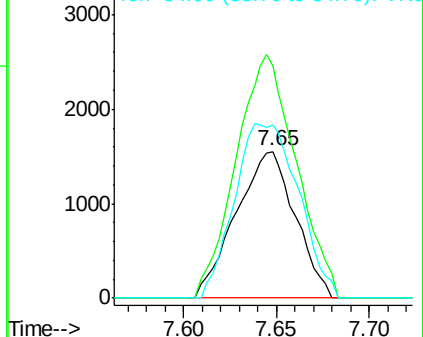
84 117.8 72.6 108.8#

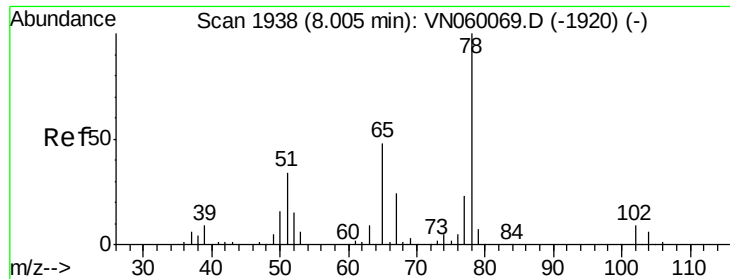


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

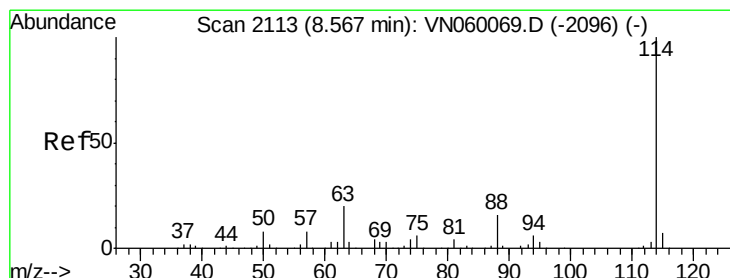
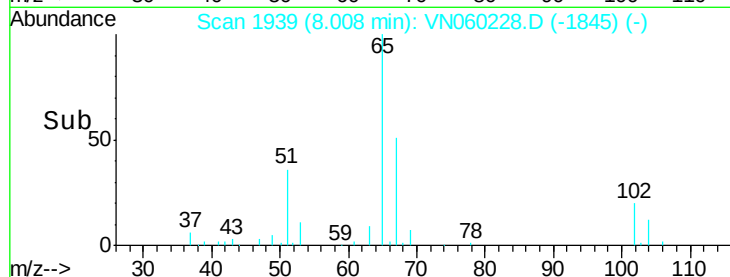
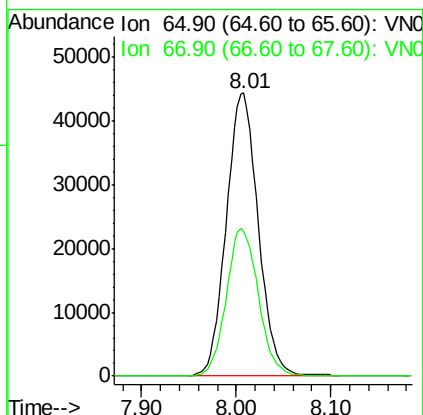
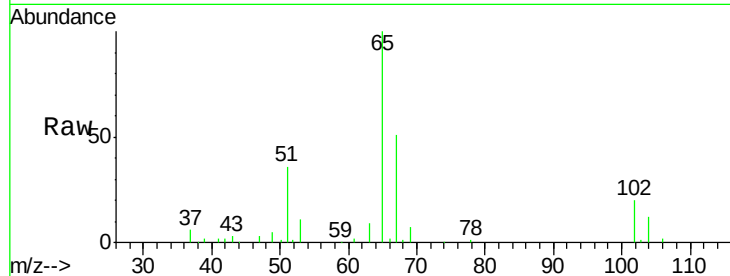




#33
 1,2-Dichloroethane-d4
 Concen: 48.29 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN060228.D
 Acq: 25 Feb 2020 12:57

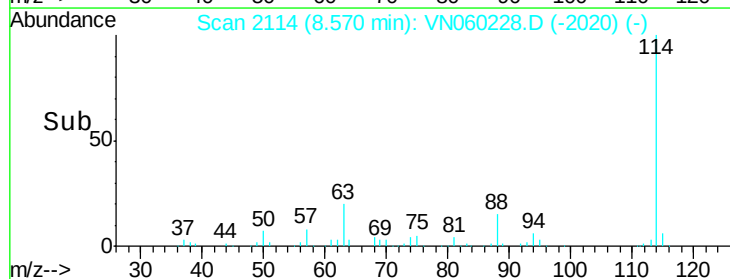
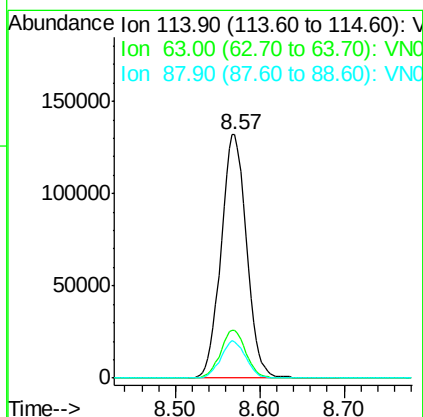
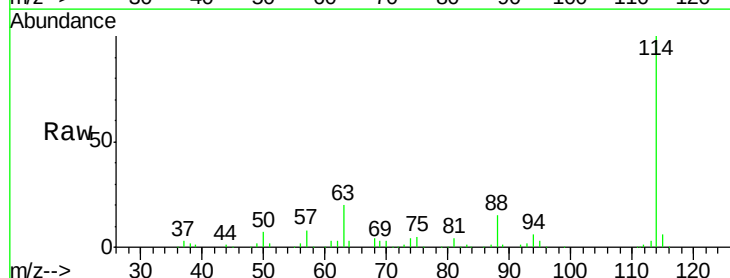
Instrument :
 MSVOA_N
 ClientSampleId :
 30830

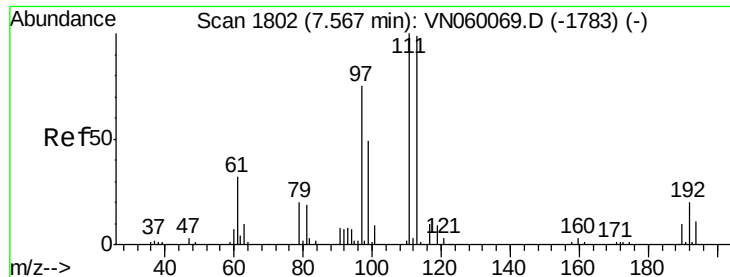
Tgt Ion: 65 Resp: 104195
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN060228.D
 Acq: 25 Feb 2020 12:57

Tgt Ion: 114 Resp: 276765
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.1 0.0 31.6

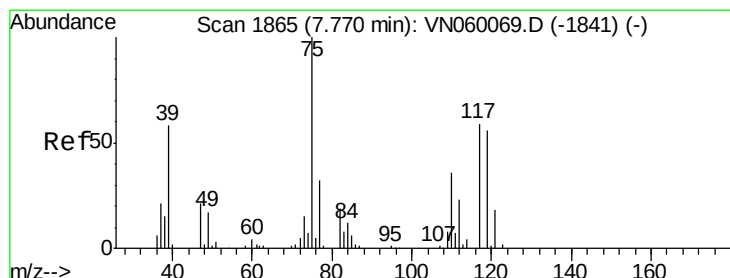
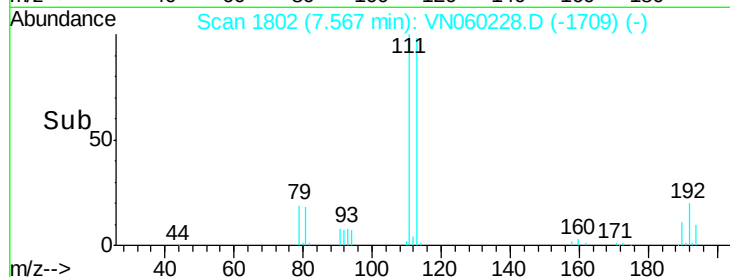
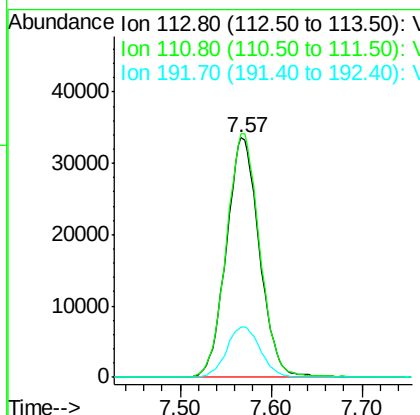
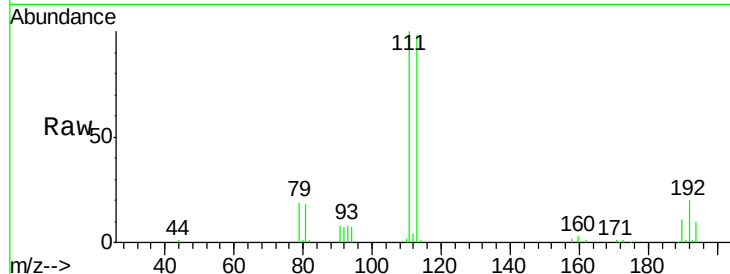




#35
 Dibromofluoromethane
 Concen: 49.90 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060228.D
 Acq: 25 Feb 2020 12:57

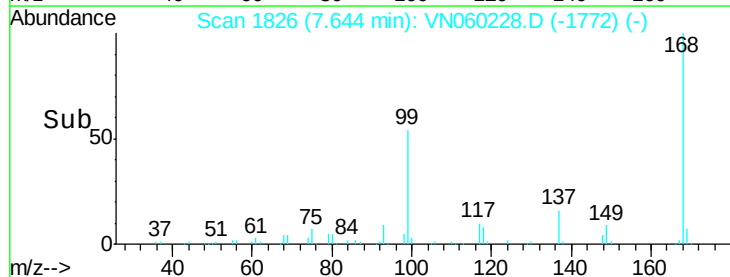
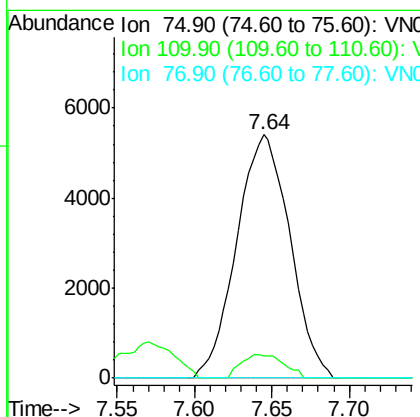
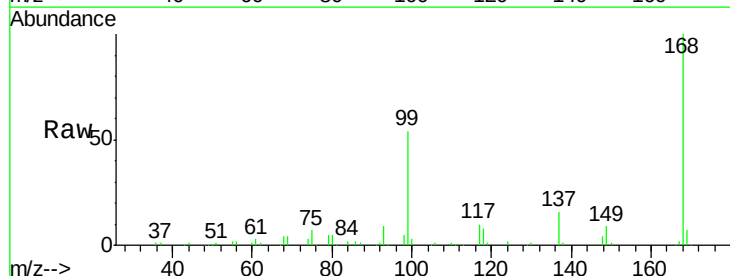
Instrument :
 MSVOA_N
 ClientSampled :
 30830

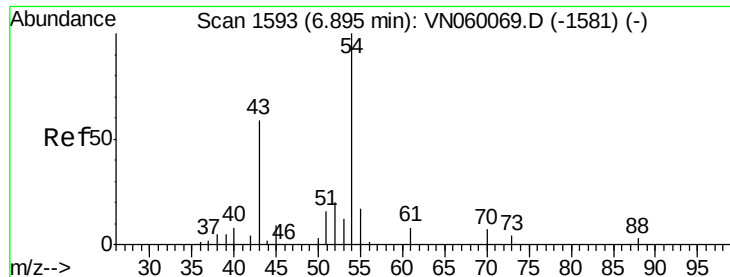
Tgt Ion: 113 Resp: 84900
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.2
 192 21.2 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.04 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN060228.D
 Acq: 25 Feb 2020 12:57

Tgt Ion: 75 Resp: 12916
 Ion Ratio Lower Upper
 75 100
 110 7.7 18.1 54.3#
 77 0.0 25.1 37.7#

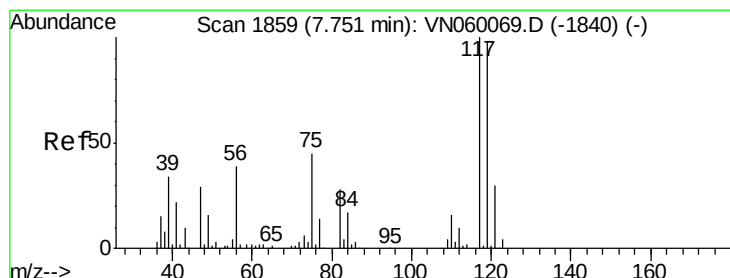
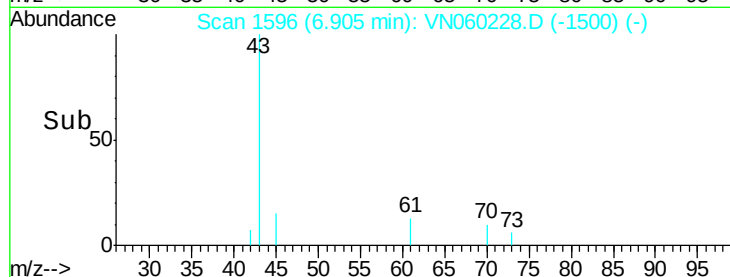
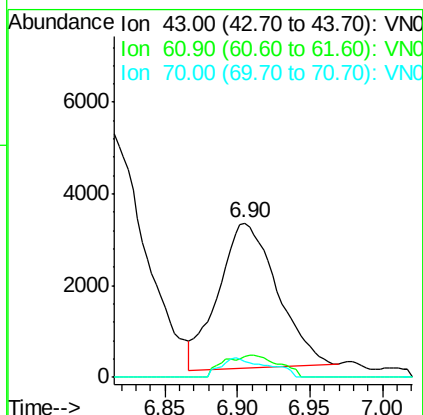
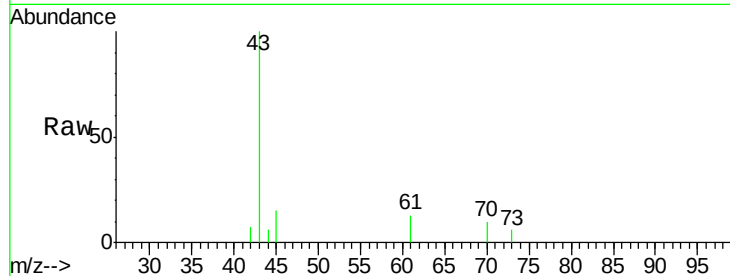




#37
Ethyl Acetate
 Concen: 3.85 ug/l
 RT: 6.90 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: VN060228.D
 Acq: 25 Feb 2020 12:57

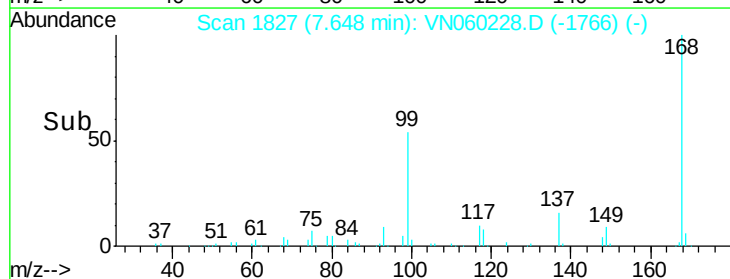
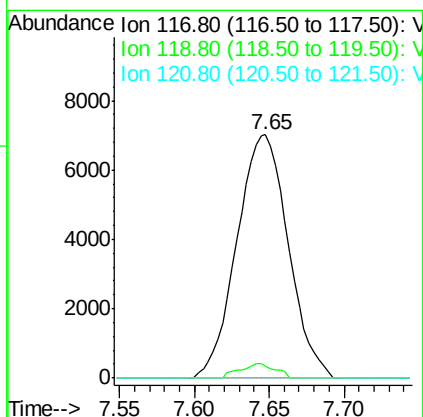
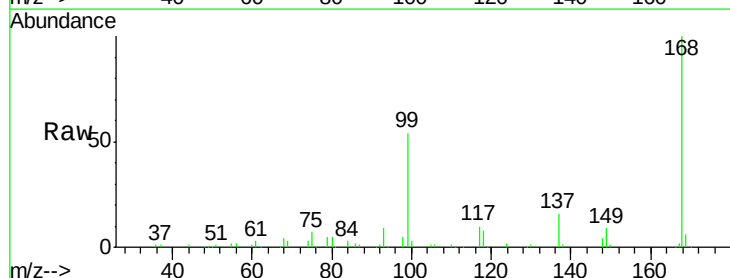
Instrument :
 MSVOA_N
 ClientSampleId :
 30830

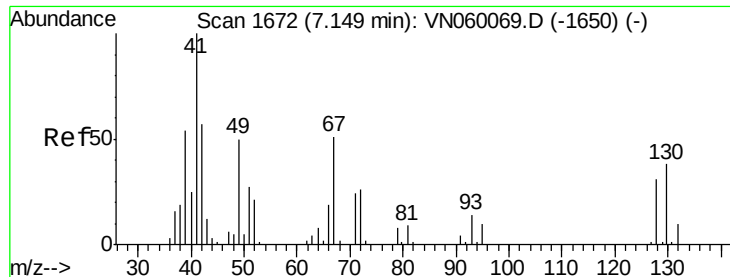
Tgt Ion: 43 Resp: 8918
 Ion Ratio Lower Upper
 43 100
 61 9.1 11.4 17.2#
 70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
 Concen: 6.01 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.10 min
 Lab File: VN060228.D
 Acq: 25 Feb 2020 12:57

Tgt Ion: 117 Resp: 16738
 Ion Ratio Lower Upper
 117 100
 119 4.7 78.2 117.4#
 121 0.0 24.2 36.2#

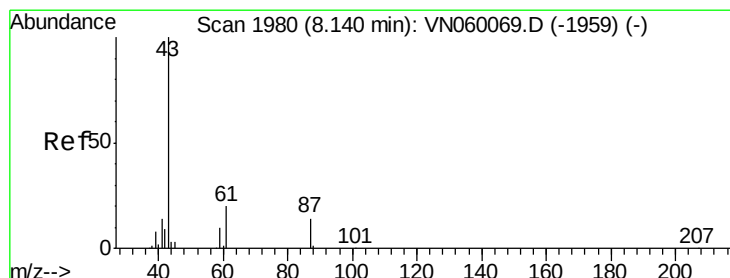
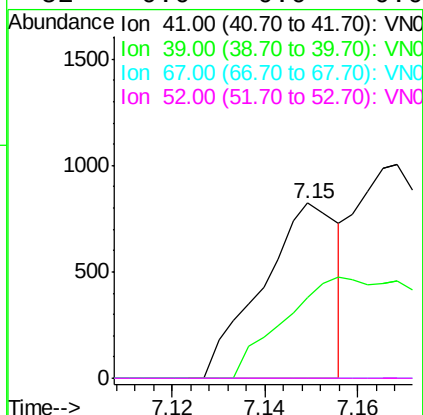
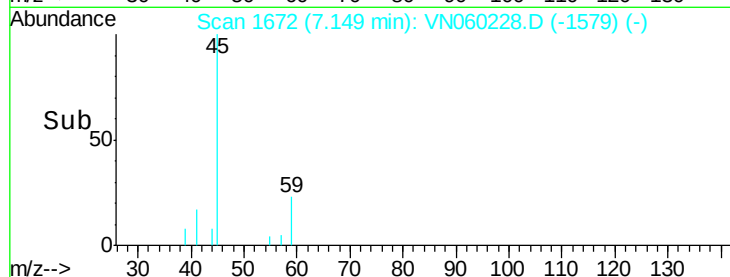
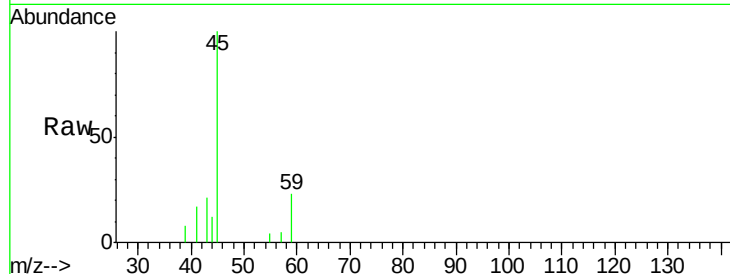




#41
Methacrylonitrile
Concen: 0.97 ug/l
RT: 7.15 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VN060228.D
Acq: 25 Feb 2020 12:57

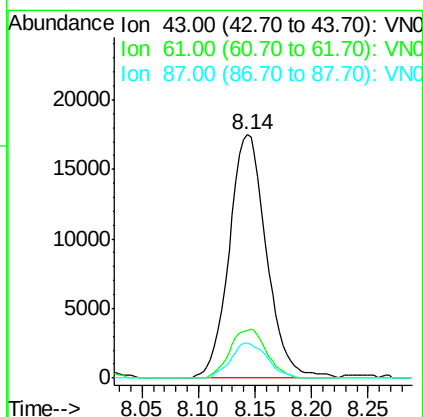
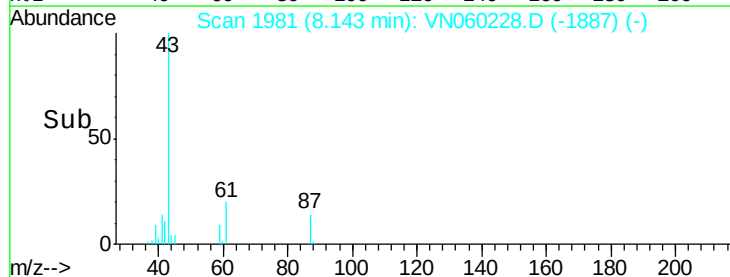
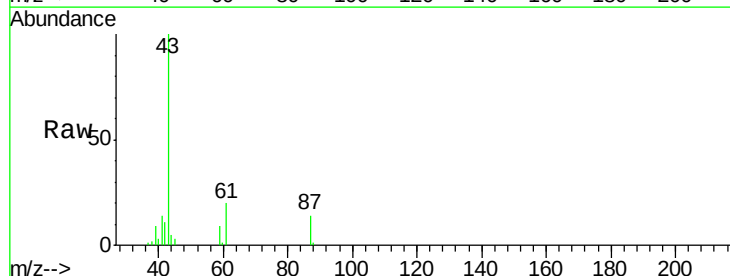
Instrument :
MSVOA_N
ClientSampled :
30830

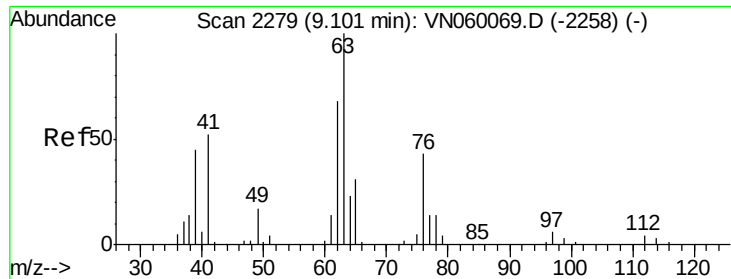
Tgt Ion:	41	Resp:	938
Ion	Ratio	Lower	Upper
41	100		
39	107.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 10.12 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VN060228.D
Acq: 25 Feb 2020 12:57

Tgt Ion:	43	Resp:	40089
Ion	Ratio	Lower	Upper
43	100		
61	19.6	21.8	32.6#
87	13.9	11.4	17.2

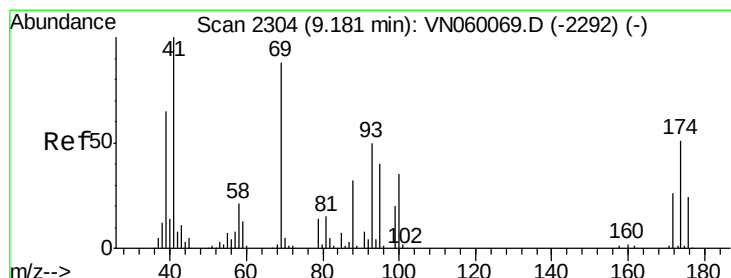
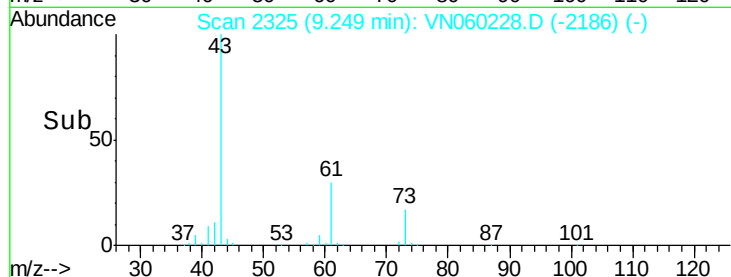
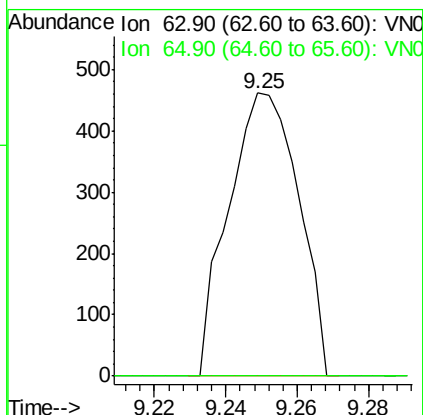
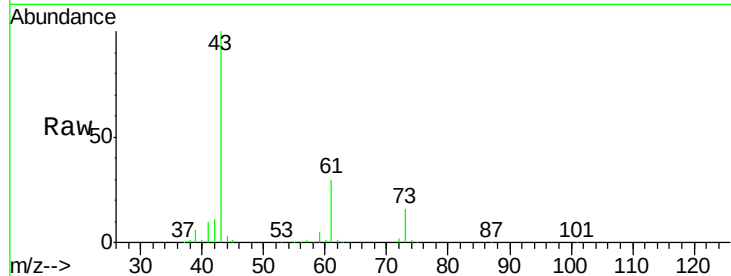




#45
 1,2-Dichloropropane
 Concen: 0.33 ug/l
 RT: 9.25 min Scan# 2325
 Delta R.T. 0.15 min
 Lab File: VN060228.D
 Acq: 25 Feb 2020 12:57

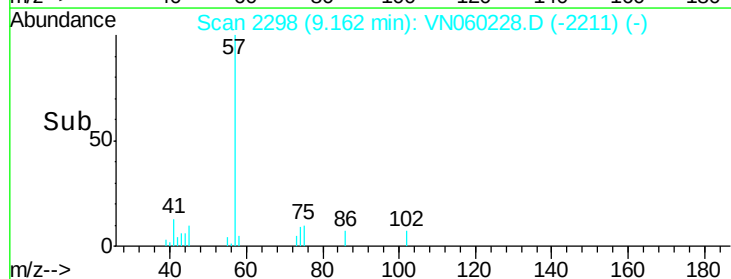
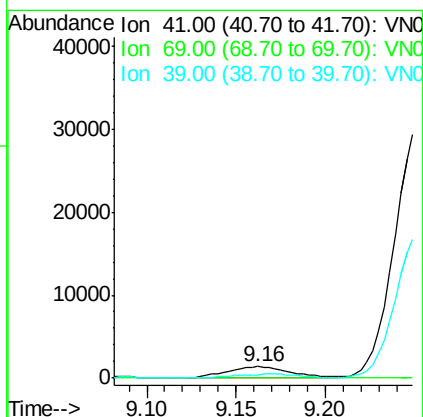
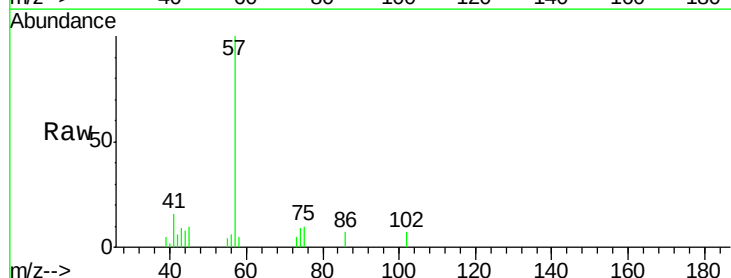
Instrument :
 MSVOA_N
 ClientSampled :
 30830

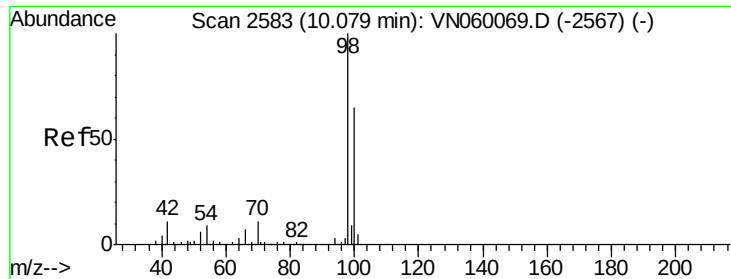
Tgt Ion: 63 Resp: 625
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 1.95 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.02 min
 Lab File: VN060228.D
 Acq: 25 Feb 2020 12:57

Tgt Ion: 41 Resp: 3473
 Ion Ratio Lower Upper
 41 100
 69 0.0 72.0 108.0#
 39 34.0 54.1 81.1#

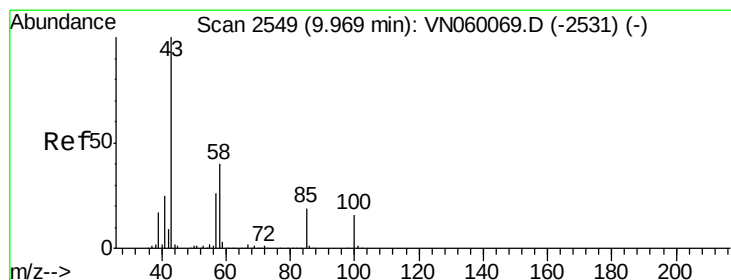
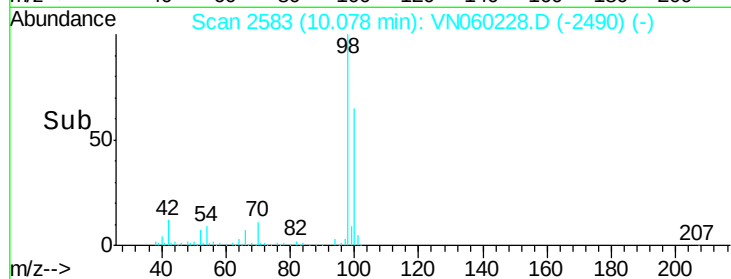
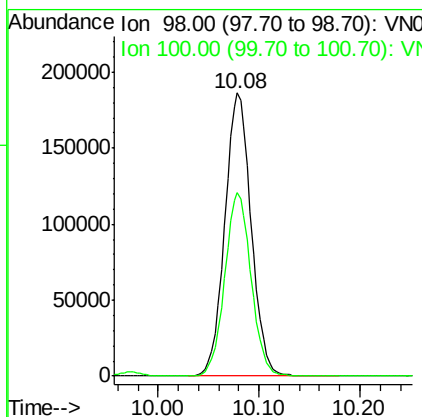
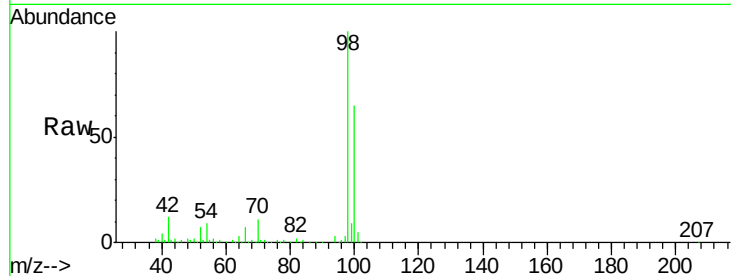




#50
Toluene-d8
Concen: 50.62 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060228.D
Acq: 25 Feb 2020 12:57

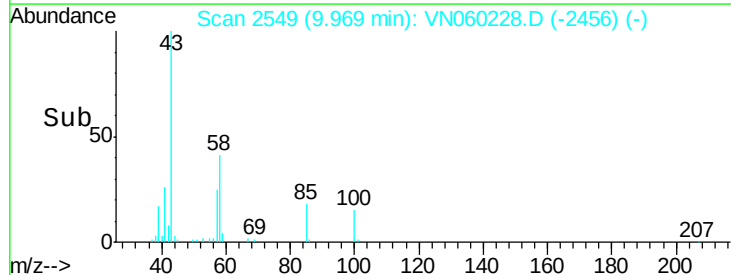
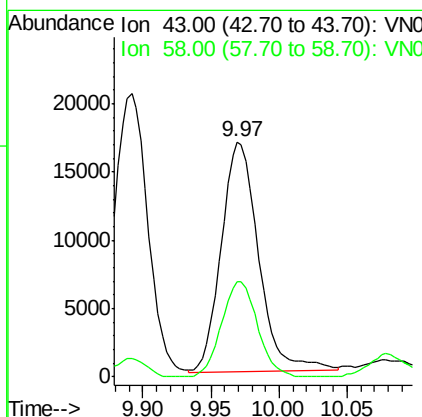
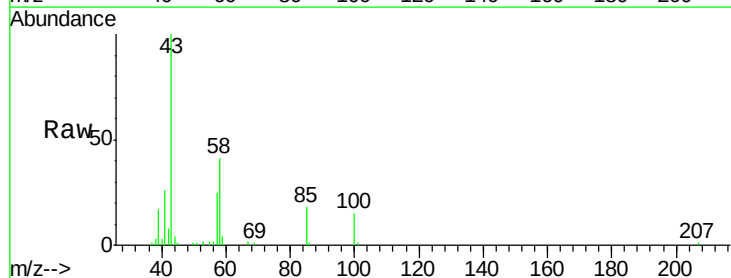
Instrument :
MSVOA_N
ClientSampleId :
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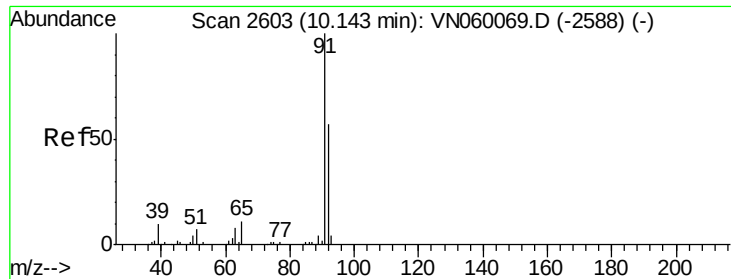
Tgt Ion: 98 Resp: 339111
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 14.06 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VN060228.D
Acq: 25 Feb 2020 12:57

Tgt Ion: 43 Resp: 32233
Ion Ratio Lower Upper
43 100
58 39.6 31.8 47.8





#52

Toluene

Concen: 4.19 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060228.D

Acq: 25 Feb 2020 12:57

Instrument :

MSVOA_N

ClientSampled :

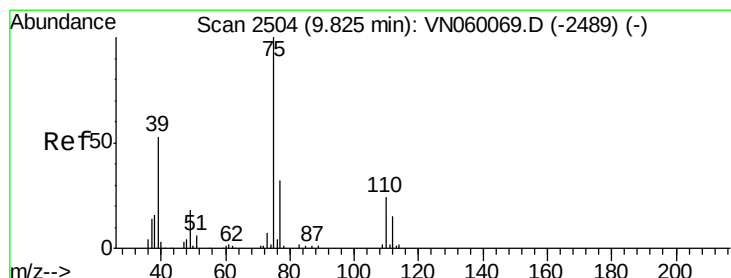
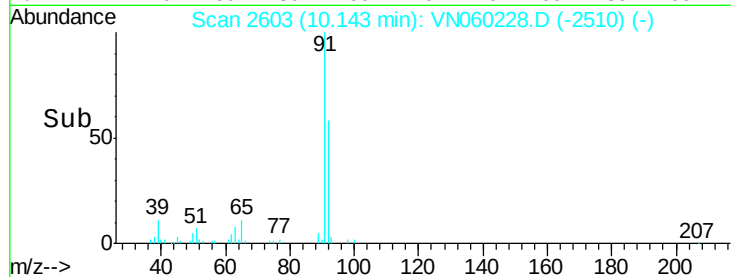
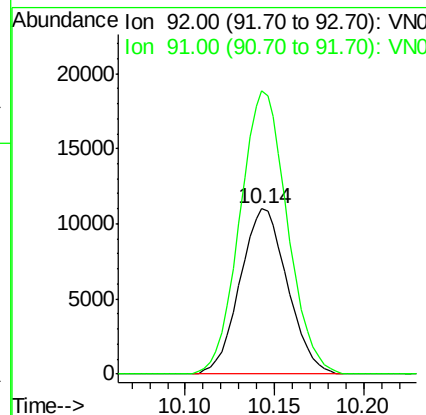
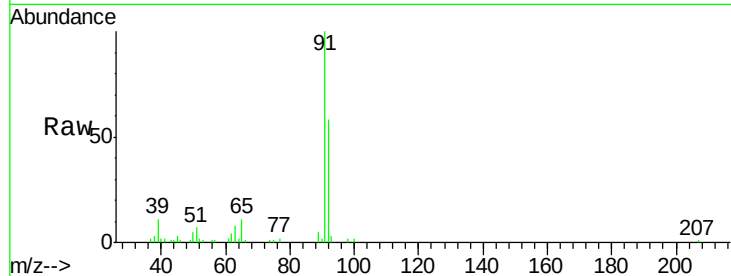
30830

Tgt Ion: 92 Resp: 20441

Ion Ratio Lower Upper

92 100

91 171.0 140.9 211.3



#54

cis-1,3-Dichloropropene

Concen: 5.60 ug/l

RT: 9.89 min Scan# 2525

Delta R.T. 0.07 min

Lab File: VN060228.D

Acq: 25 Feb 2020 12:57

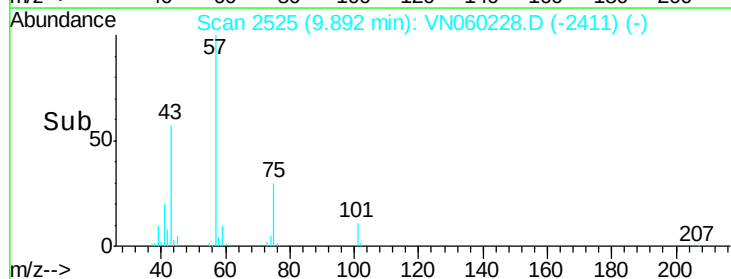
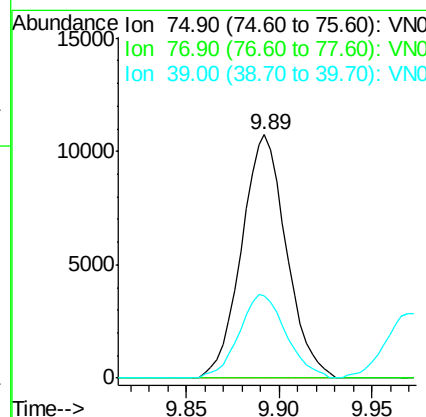
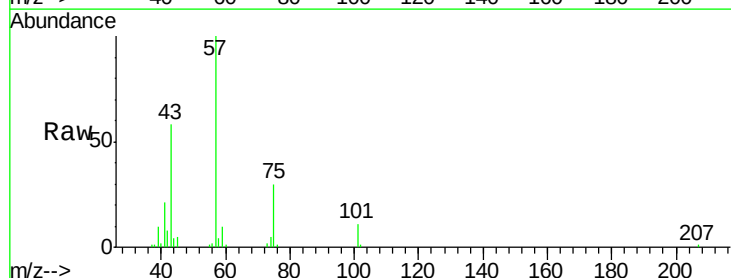
Tgt Ion: 75 Resp: 17996

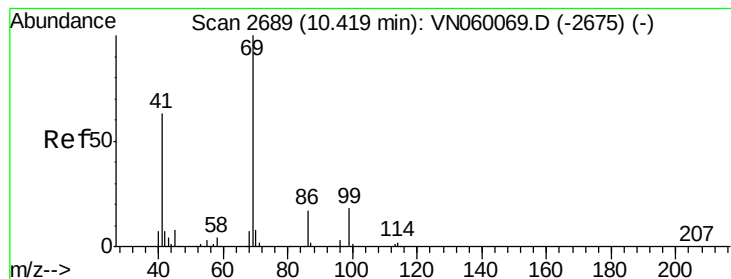
Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#

39 33.8 42.2 63.4#





#56

Ethyl methacrylate

Concen: 4.51 ug/l

RT: 10.34 min Scan# 2665

Delta R.T. -0.08 min

Lab File: VN060228.D

Acq: 25 Feb 2020 12:57

Instrument :

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ClientSampled :

30830

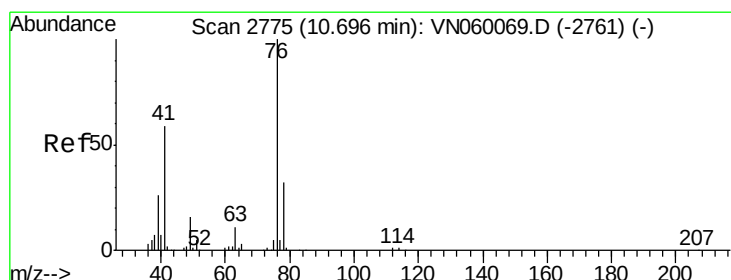
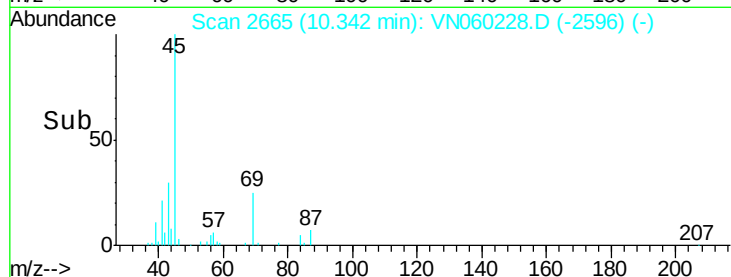
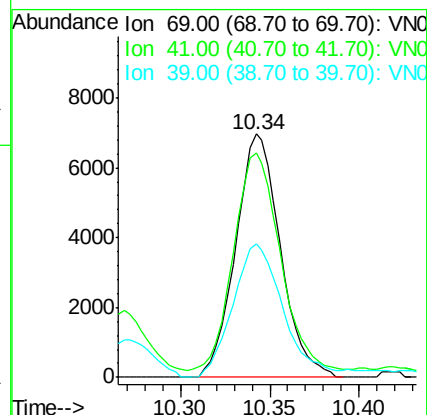
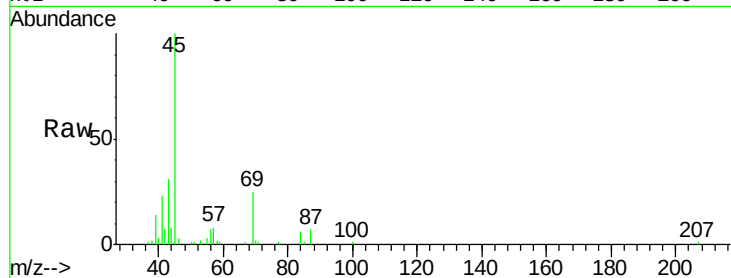
Tgt Ion: 69 Resp: 12143

Ion Ratio Lower Upper

69 100

41 92.4 51.1 76.7#

39 62.9 33.8 50.8#



#57

1,3-Dichloropropane

Concen: 0.81 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.06 min

Lab File: VN060228.D

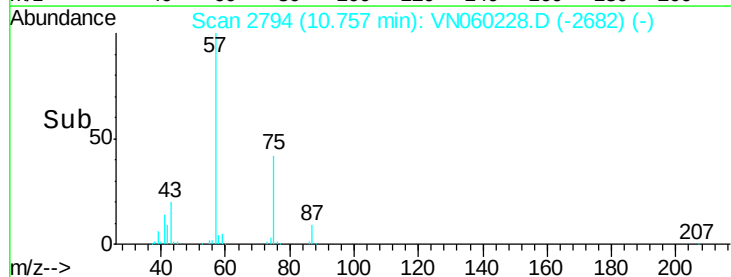
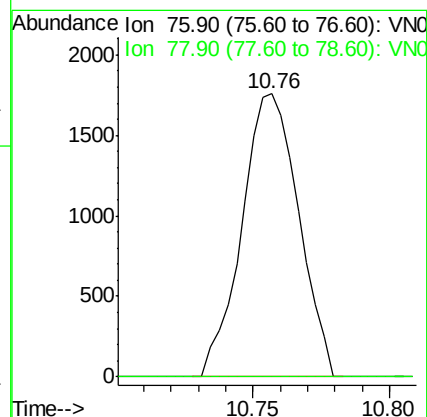
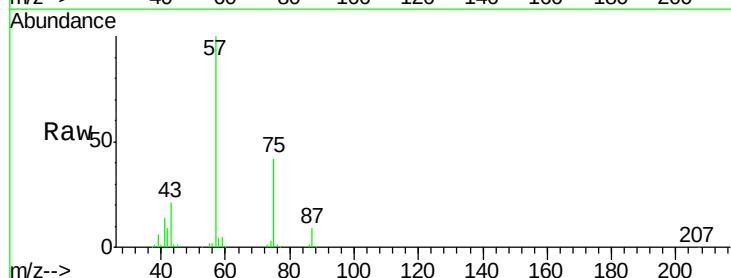
Acq: 25 Feb 2020 12:57

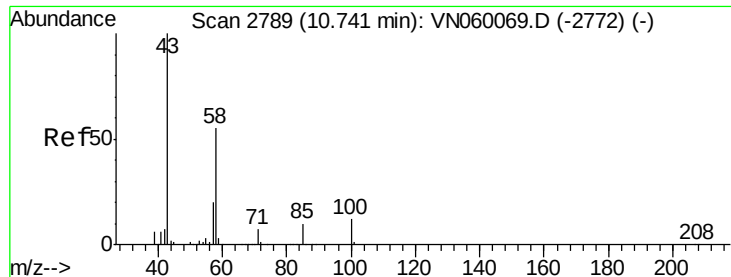
Tgt Ion: 76 Resp: 2533

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#

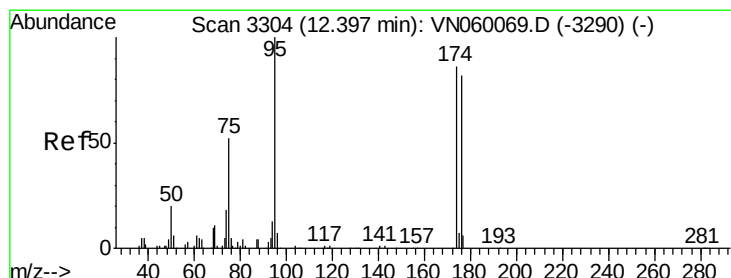
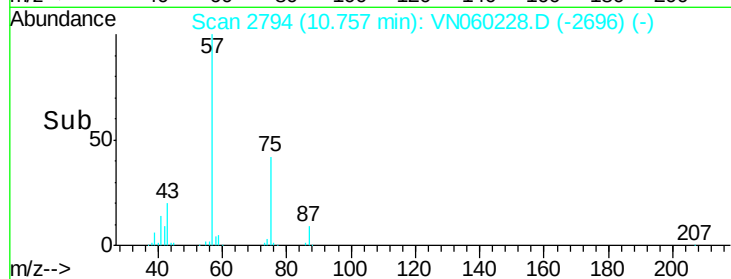
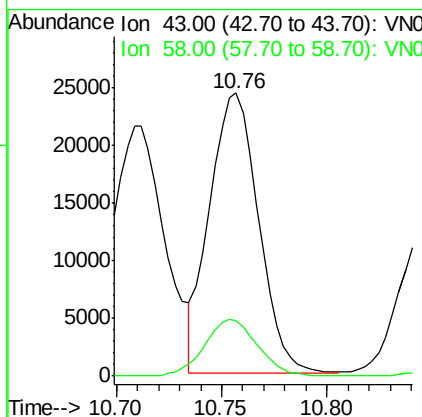
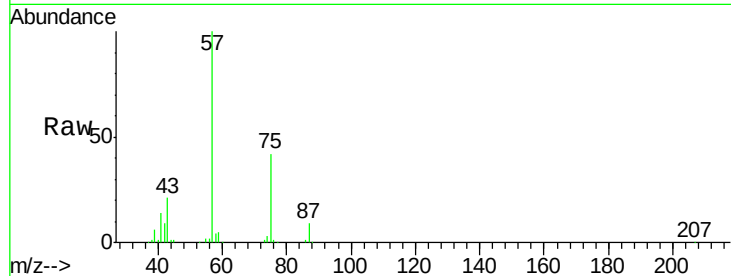




#59
2-Hexanone
Concen: 22.07 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.02 min
Lab File: VN060228.D
Acq: 25 Feb 2020 12:57

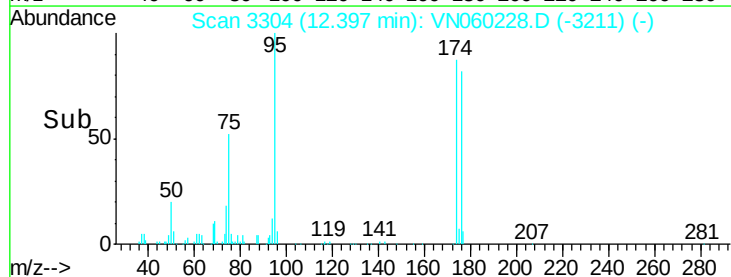
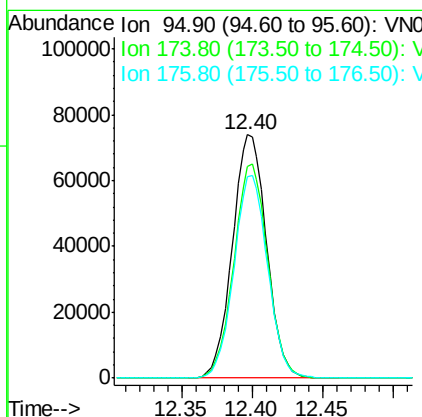
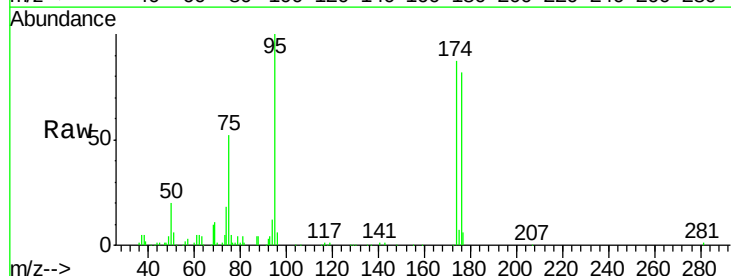
Instrument :
MSVOA_N
ClientSampled :
30830

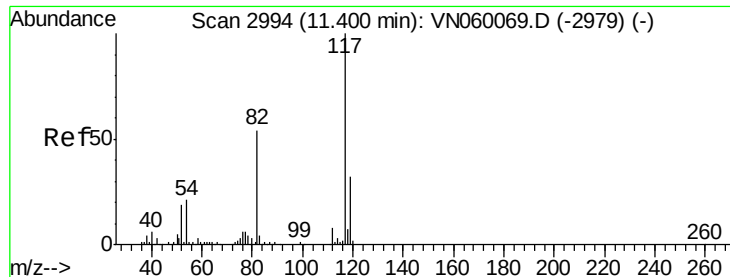
Tgt Ion: 43 Resp: 39076
Ion Ratio Lower Upper
43 100
58 21.8 27.5 82.4#



#62
4-Bromofluorobenzene
Concen: 50.81 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060228.D
Acq: 25 Feb 2020 12:57

Tgt Ion: 95 Resp: 125090
Ion Ratio Lower Upper
95 100
174 87.3 0.0 169.8
176 82.5 0.0 164.8

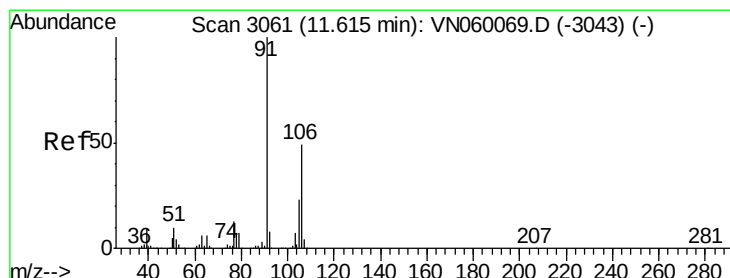
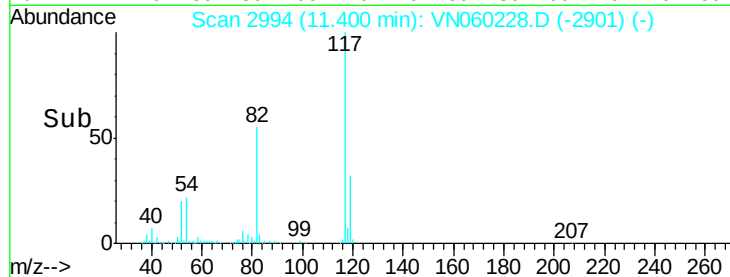
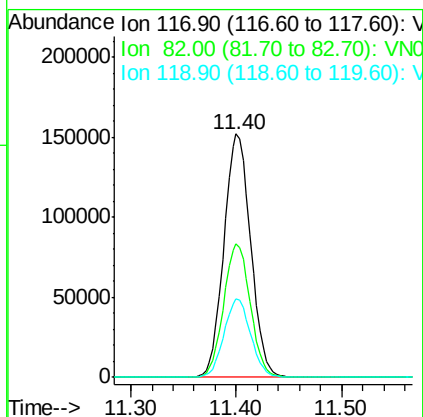
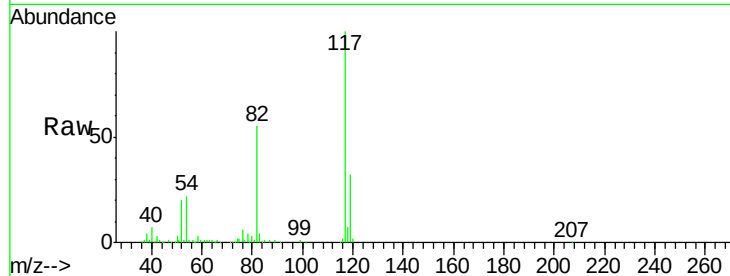




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060228.D
Acq: 25 Feb 2020 12:57

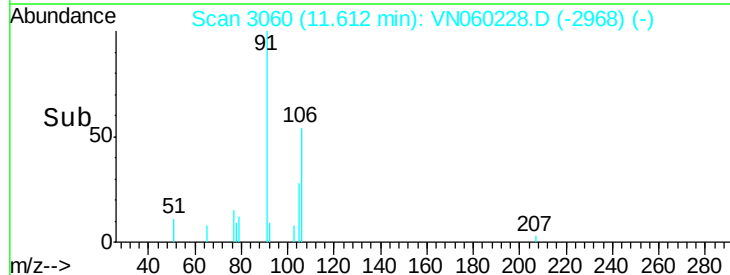
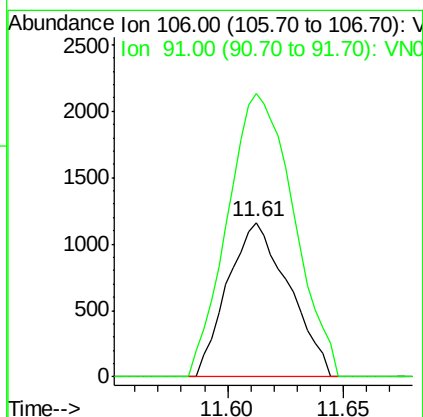
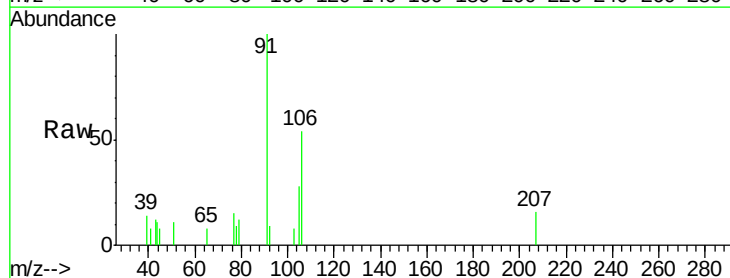
Instrument :
MSVOA_N
ClientSampled :
30830

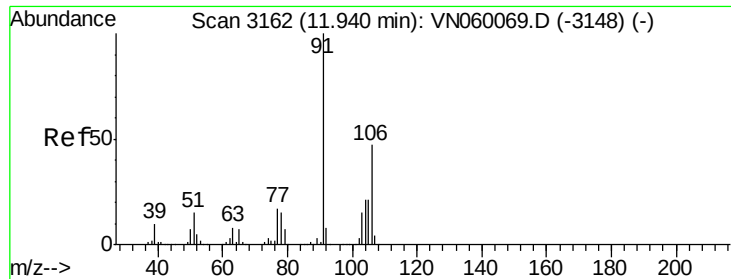
Tgt Ion:117 Resp: 267053
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.1 25.8 38.6



#68
m/p-Xylenes
Concen: 0.58 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060228.D
Acq: 25 Feb 2020 12:57

Tgt Ion:106 Resp: 2141
Ion Ratio Lower Upper
106 100
91 197.2 162.7 244.1

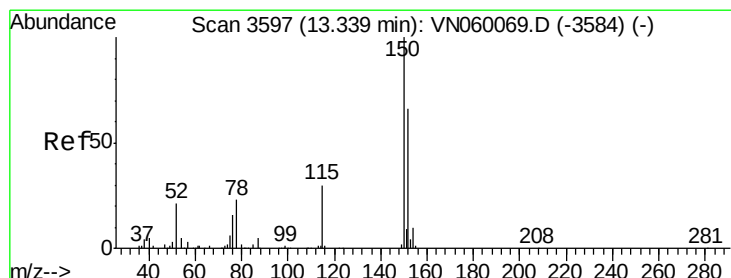
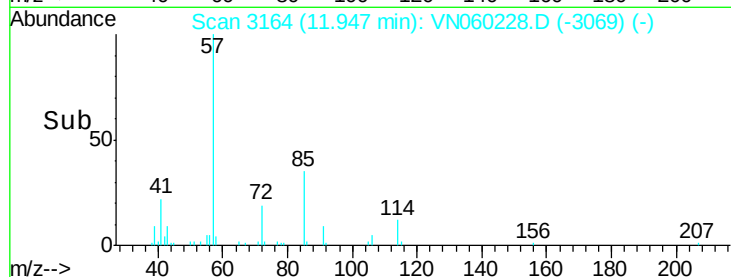
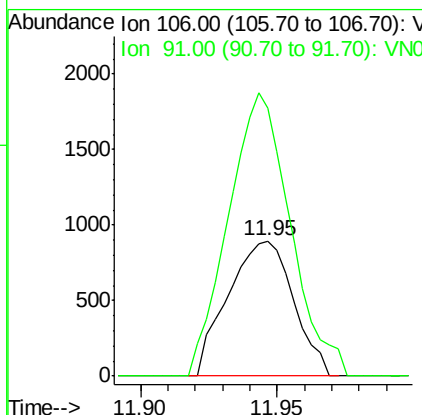
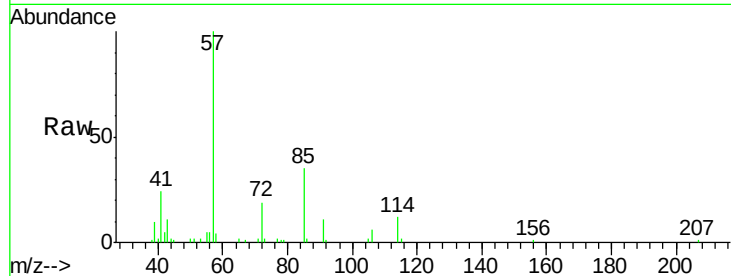




#69
o-Xylene
Concen: 0.42 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.01 min
Lab File: VN060228.D
Acq: 25 Feb 2020 12:57

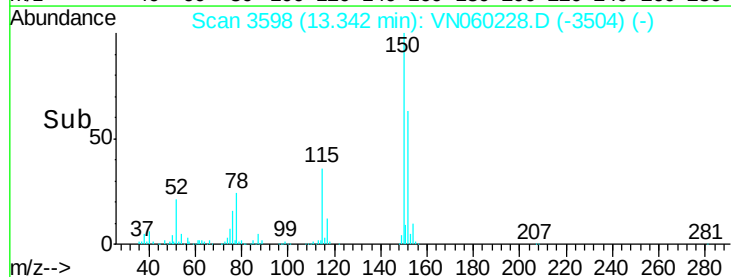
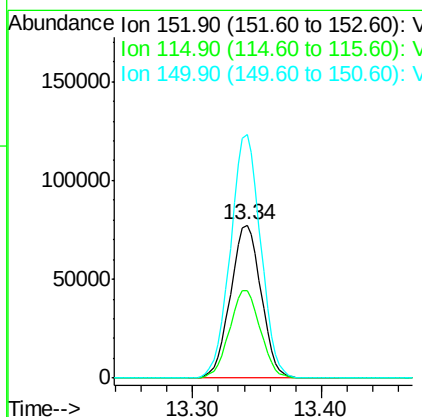
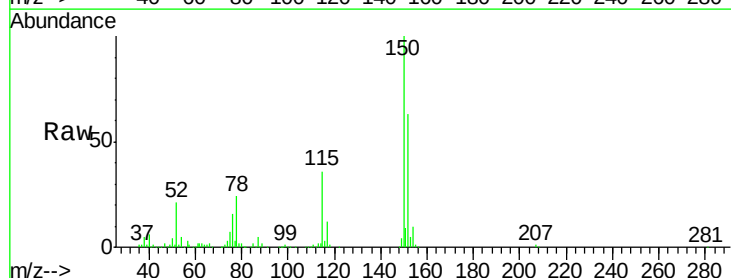
Instrument :
MSVOA_N
ClientSampled :
30830

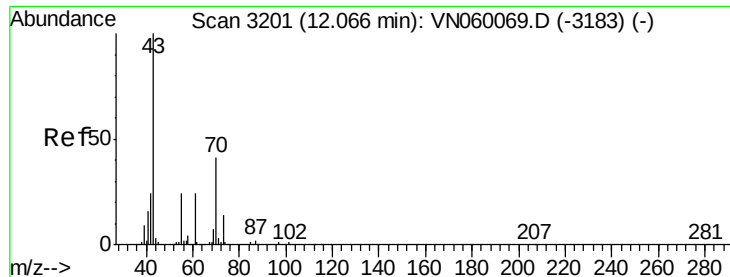
Tgt Ion:106 Resp: 1486
Ion Ratio Lower Upper
106 100
91 198.7 107.2 321.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN060228.D
Acq: 25 Feb 2020 12:57

Tgt Ion:152 Resp: 127825
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.8
150 156.8 0.0 342.4





#74

N-ethyl acetate

Concen: 1.33 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. -0.04 min

Lab File: VN060228.D

Acq: 25 Feb 2020 12:57

Instrument :

MSVOA_N

ClientSampled :
30830

Tgt Ion: 43 Resp: 4568

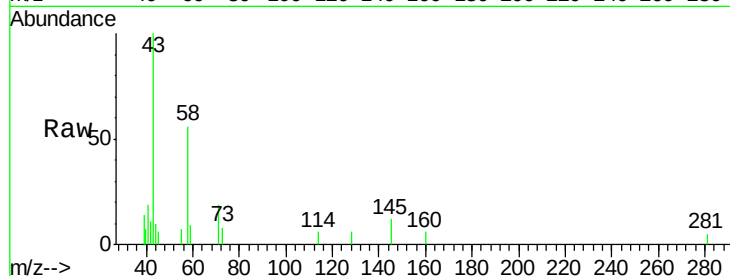
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 0.0 18.8 28.2#

61 0.0 19.2 28.8#

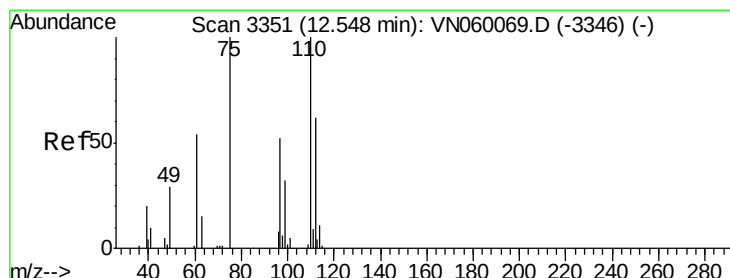
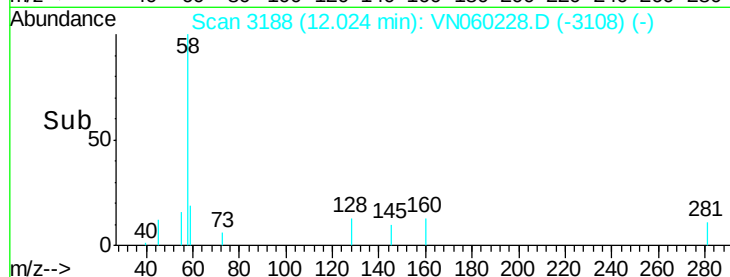
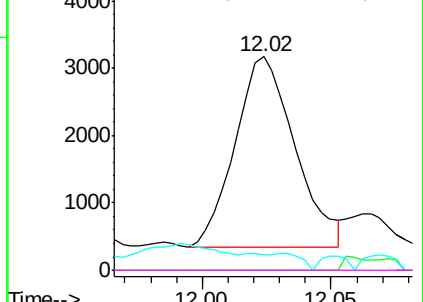


Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-3183) (-)

Ion 70.00 (69.70 to 70.70): VN060069.D (-3183) (-)

Ion 55.00 (54.70 to 55.70): VN060069.D (-3183) (-)

Ion 61.00 (60.70 to 61.70): VN060069.D (-3183) (-)



#76

1,2,3-Trichloropropane

Concen: 26.52 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060228.D

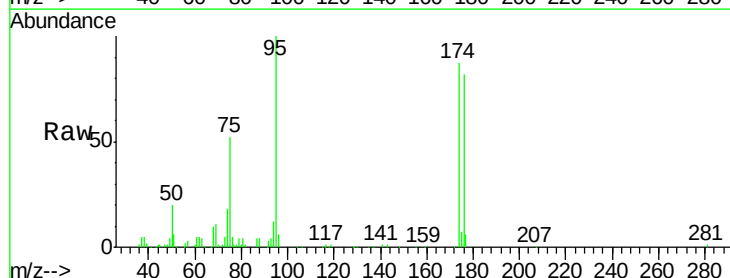
Acq: 25 Feb 2020 12:57

Tgt Ion: 75 Resp: 64853

Ion Ratio Lower Upper

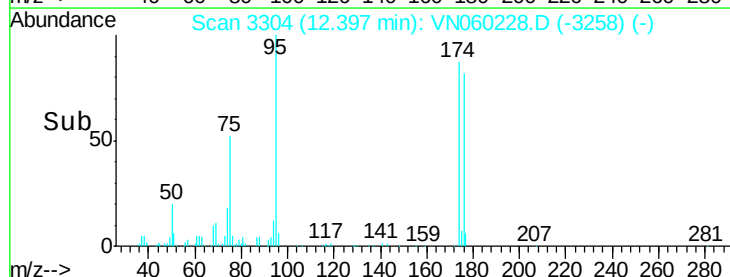
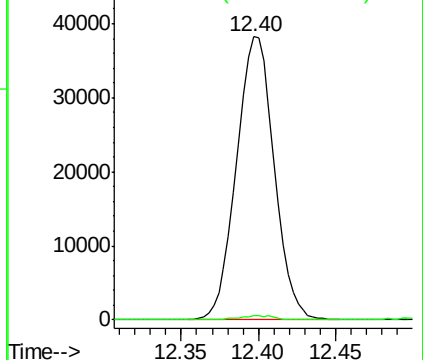
75 100

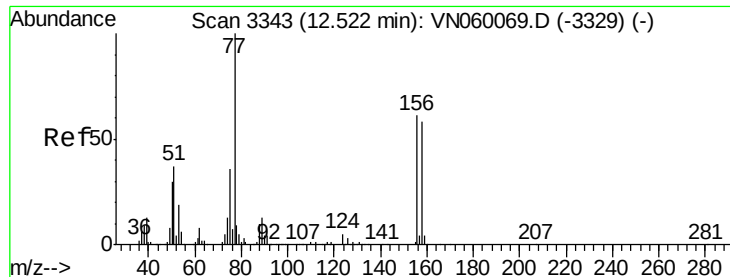
77 1.3 0.0 0.0#



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

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





#77

Bromobenzene

Concen: 0.29 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.01 min

Lab File: VN060228.D

Acq: 25 Feb 2020 12:57

Instrument :

MSVOA_N

ClientSampled :

30830

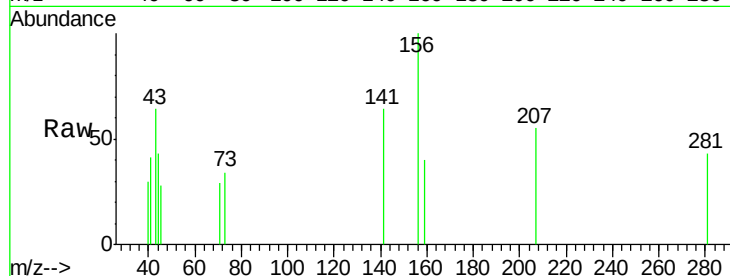
Tgt Ion:156 Resp: 697

Ion Ratio Lower Upper

156 100

77 9.9 98.7 296.1#

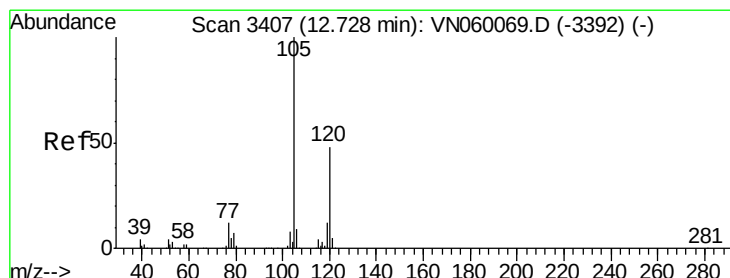
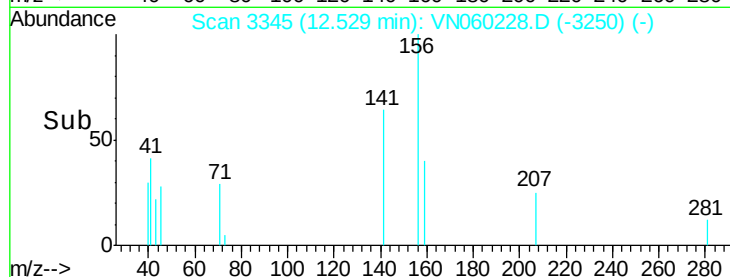
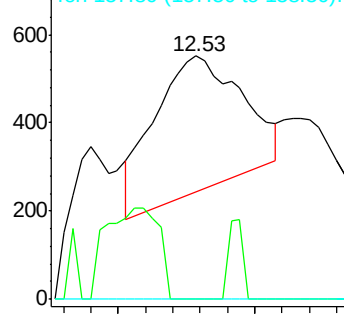
158 0.0 48.1 144.4#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#80

1,3,5-Trimethylbenzene

Concen: 0.30 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060228.D

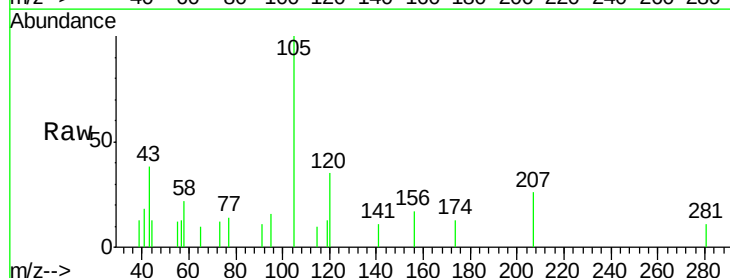
Acq: 25 Feb 2020 12:57

Tgt Ion:105 Resp: 2373

Ion Ratio Lower Upper

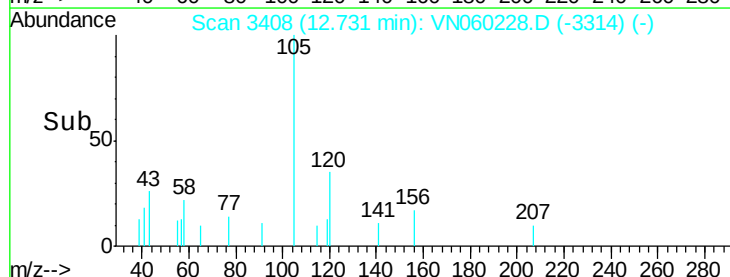
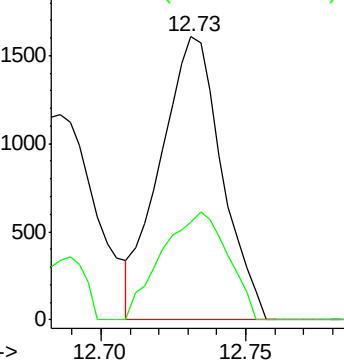
105 100

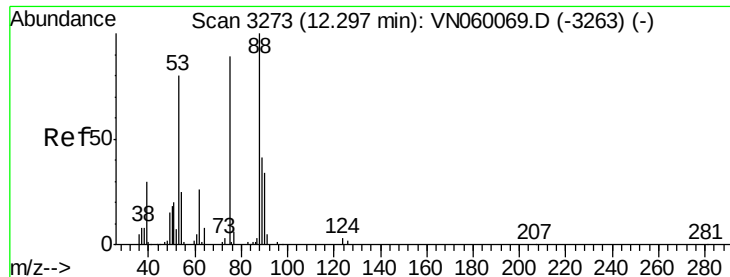
120 40.9 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 64.93 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060228.D

Acq: 25 Feb 2020 12:57

Instrument :

MSVOA_N

ClientSampled :

30830

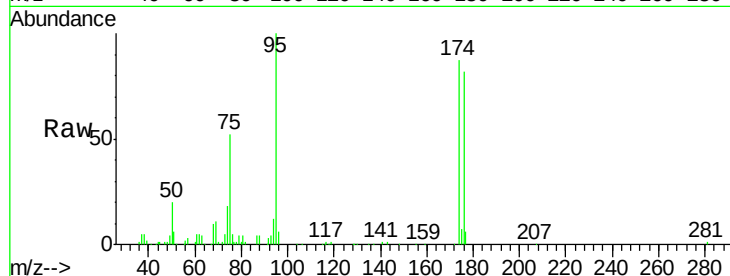
Tgt Ion: 75 Resp: 64853

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

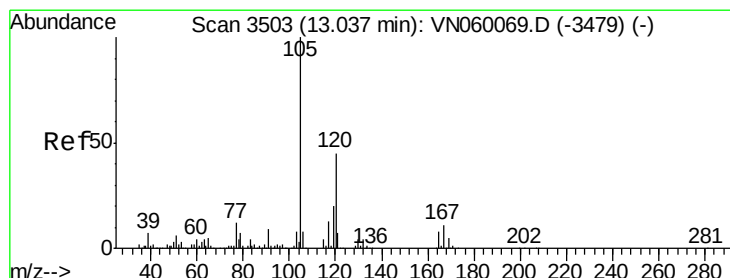
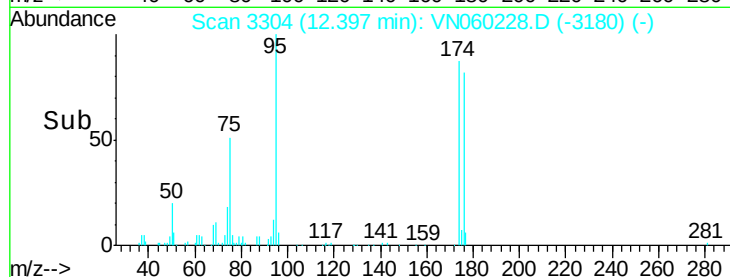
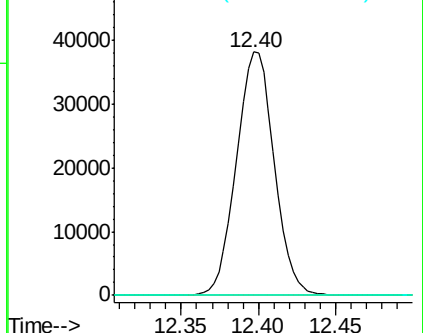
89 0.0 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-3263) (-)

Ion 53.00 (52.70 to 53.70): VN060069.D (-3263) (-)

Ion 88.90 (88.60 to 89.60): VN060069.D (-3263) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.98 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN060228.D

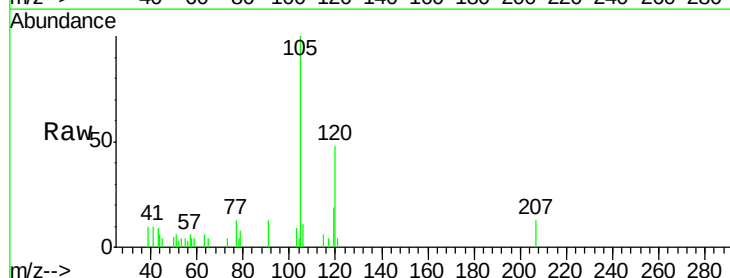
Acq: 25 Feb 2020 12:57

Tgt Ion: 105 Resp: 7703

Ion Ratio Lower Upper

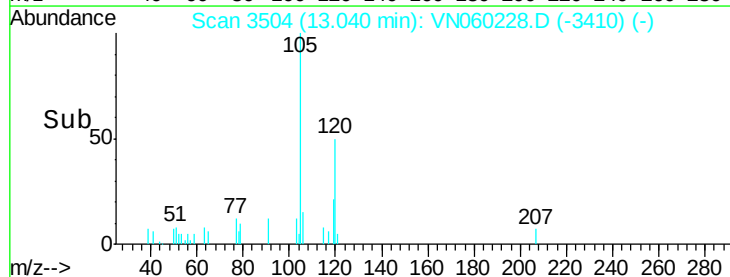
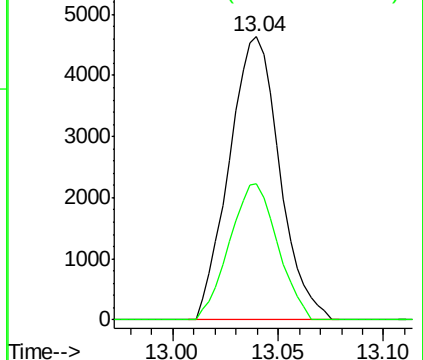
105 100

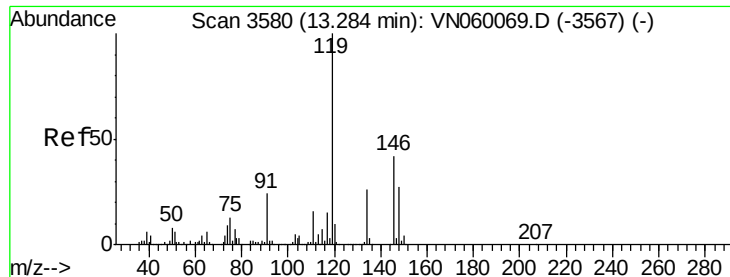
120 45.7 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): VN060069.D (-3479) (-)

Ion 120.00 (119.70 to 120.70): VN060069.D (-3479) (-)

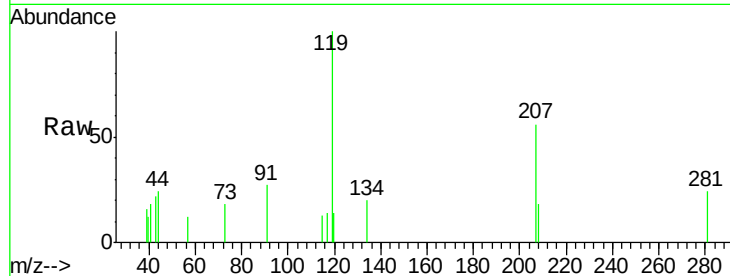




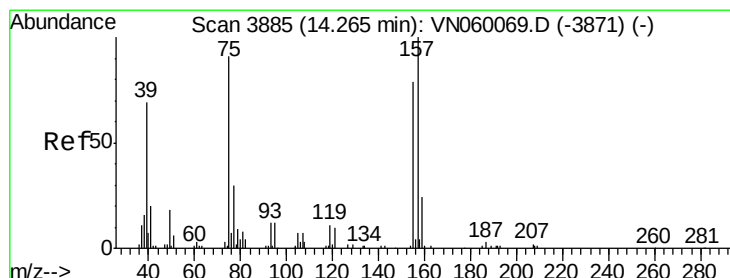
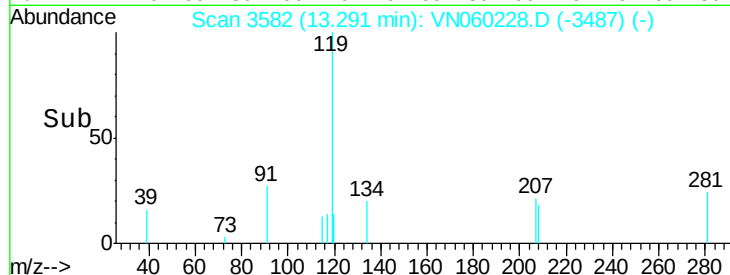
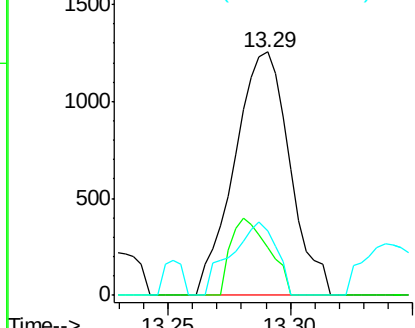
#86
 p-Isopropyltoluene
 Concen: 0.23 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.01 min
 Lab File: VN060228.D
 Acq: 25 Feb 2020 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 30830

Tgt Ion: 119 Resp: 1972
 Ion Ratio Lower Upper
 119 100
 134 21.9 13.3 39.8
 91 24.6 11.9 35.9

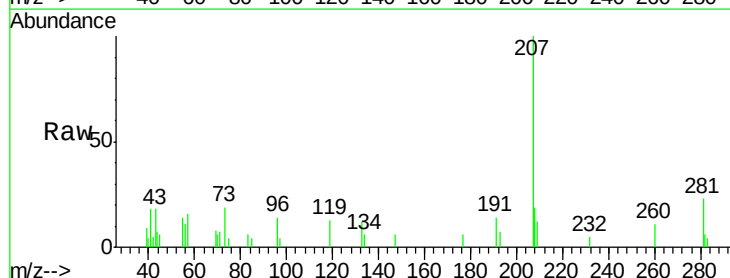


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

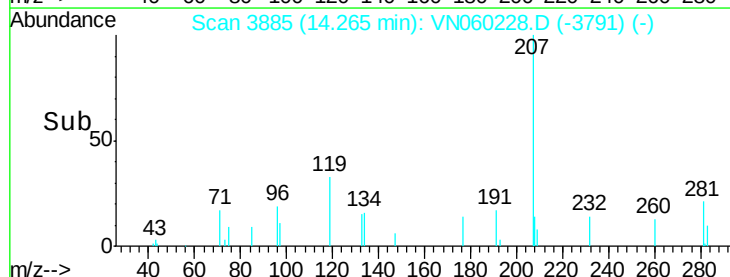
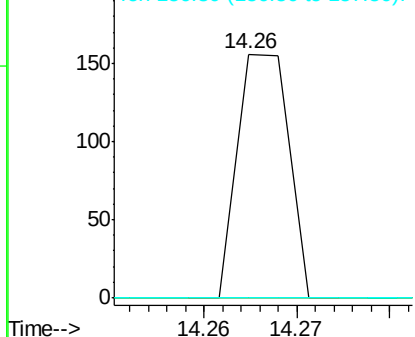


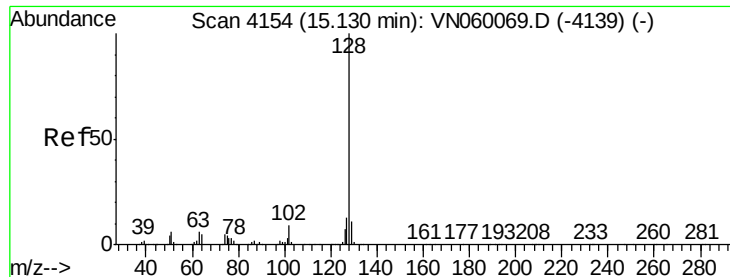
#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060228.D
 Acq: 25 Feb 2020 12:57

Tgt Ion: 75 Resp: 60
 Ion Ratio Lower Upper
 75 100
 155 0.0 43.0 129.0#
 157 0.0 54.9 164.5#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 4.66 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN060228.D

Acq: 25 Feb 2020 12:57

Instrument :

MSVOA_N

ClientSampled :

30830

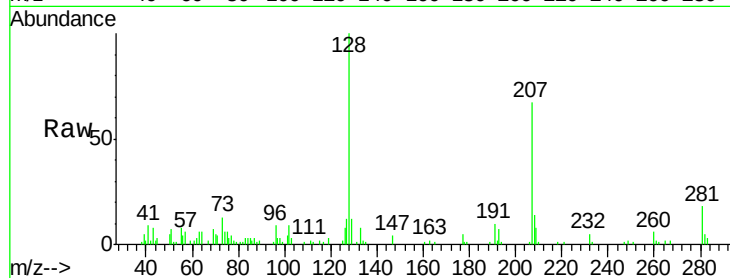
Tgt Ion:128 Resp: 30356

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

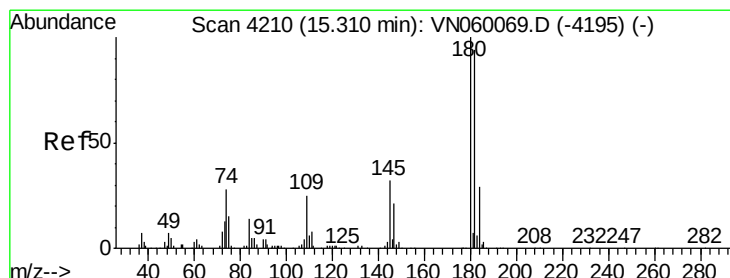
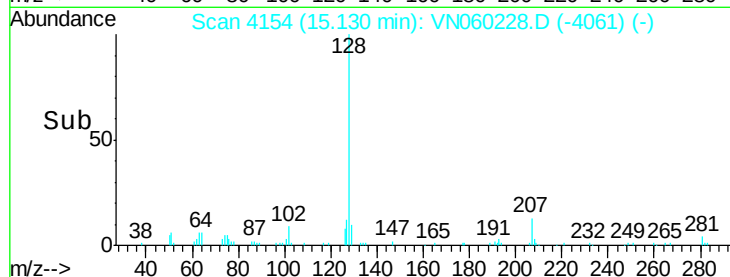
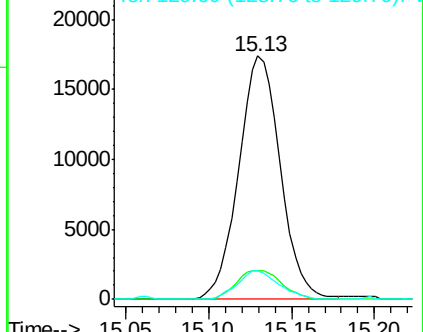
129 11.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.20 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN060228.D

Acq: 25 Feb 2020 12:57

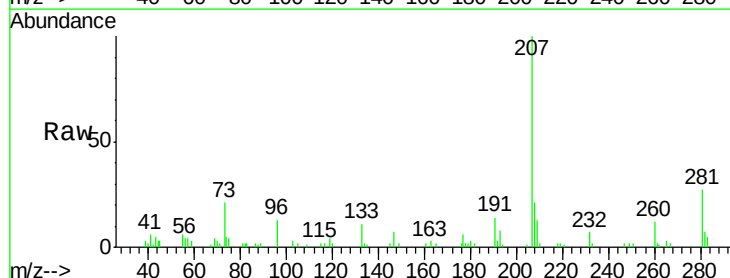
Tgt Ion:180 Resp: 487

Ion Ratio Lower Upper

180 100

182 65.5 47.5 142.5

145 64.7 16.1 48.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

