

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063114.D
 Acq On : 25 Aug 2020 14:57
 Operator : JC/MD
 Sample : L3771-02 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1

Quant Time: Aug 26 05:39:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	134706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	222172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	236752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	120066	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	92034	57.65	ug/l	0.00
Spiked Amount			Recovery	=	115.30%	
35) Dibromofluoromethane	7.55	113	76619	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	
50) Toluene-d8	10.06	98	288677	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.38	95	111909	57.03	ug/l	0.00
Spiked Amount			Recovery	=	114.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.69	59	3605	15.941	ug/l #	74
16) Acetone	3.79	43	1244	Below Cal	#	80
18) Methyl Acetate	4.28	43	410	0.258	ug/l #	52
20) Methylene Chloride	4.50	84	1701	Below Cal		96
25) 2-Butanone	6.79	43	723	0.853	ug/l #	48
31) Cyclohexane	7.63	56	2982	1.267	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	10136	5.177	ug/l #	48
37) Ethyl Acetate	6.79	43	723	0.394	ug/l #	68
38) Carbon Tetrachloride	7.62	117	12293	6.219	ug/l #	18
39) Methylcyclohexane	9.04	83	866	1.880	ug/l	92
40) Benzene	8.00	78	8451	1.361	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	1309	0.681	ug/l #	1
52) Toluene	10.12	92	42439	11.329	ug/l	98
59) 2-Hexanone	10.83	43	930	0.694	ug/l #	23
67) Ethyl Benzene	11.49	91	42467	5.286	ug/l	100
68) m/p-Xylenes	11.59	106	64201	21.500	ug/l	100
69) o-Xylene	11.92	106	40149	14.002	ug/l	99
70) Styrene	11.92	104	3015	2.433	ug/l #	1
71) Bromoform	12.38	173	1014	0.689	ug/l #	1
73) Isopropylbenzene	12.22	105	9503	1.156	ug/l	96
74) N-amyl acetate	12.02	43	599	0.203	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.67	83	302	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.38	75	54817	23.488	ug/l #	100
78) n-propylbenzene	12.57	91	26747	2.854	ug/l	99
79) 2-Chlorotoluene	12.63	91	10793	1.831	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.71	105	43778	6.441	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	54817	64.509	ug/l #	15
82) 4-Chlorotoluene	12.71	91	4660	0.776	ug/l #	42
83) tert-Butylbenzene	13.02	119	26770	4.563	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.02	105	196593	29.690	ug/l	99
85) sec-Butylbenzene	13.15	105	7603	0.959	ug/l	87
86) p-Isopropyltoluene	13.27	119	5017	0.726	ug/l	95
89) n-Butylbenzene	13.59	91	7305	3.824	ug/l #	67
90) Hexachloroethane	13.87	117	3570	2.431	ug/l #	5

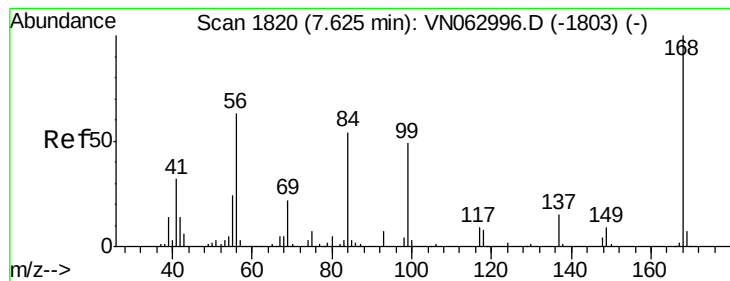
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.22	75	231	0.558	ug/l #	1
95) Naphthalene	15.11	128	71540	18.891	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN063114.D

Acq: 25 Aug 2020 14:57

Instrument :

MSVOA_N

ClientSampleId :

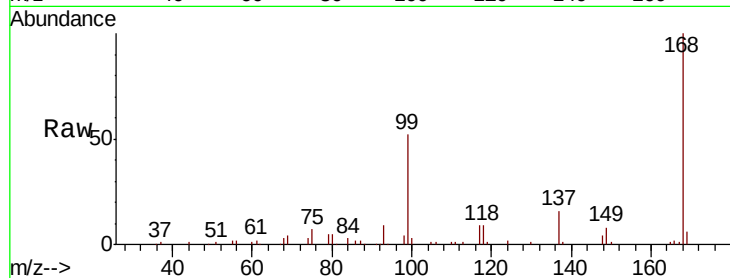
DRUM-1

Tot Ion:168 Resp: 134706

Ion Ratio Lower Upper

168 100

99 52.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

50000

40000

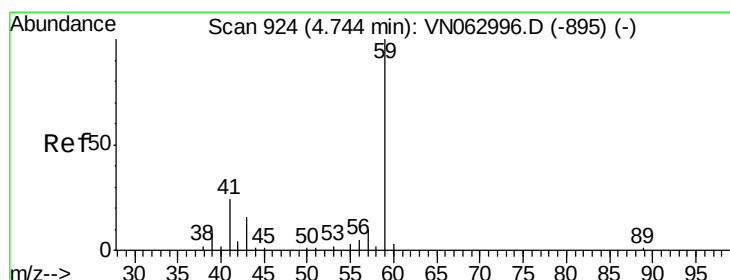
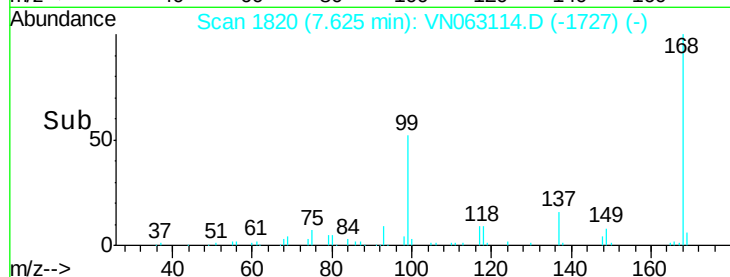
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 15.941 ug/l

RT: 4.69 min Scan# 906

Delta R.T. -0.06 min

Lab File: VN063114.D

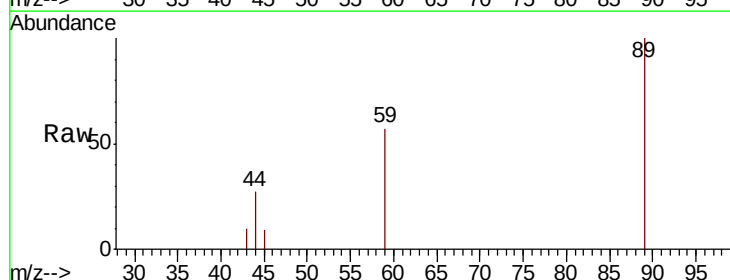
Acq: 25 Aug 2020 14:57

Tgt Ion: 59 Resp: 3605

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.69

1000

800

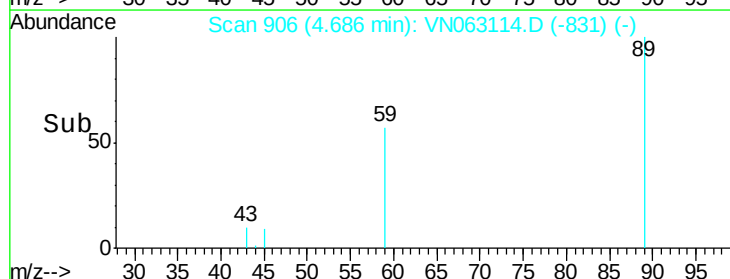
600

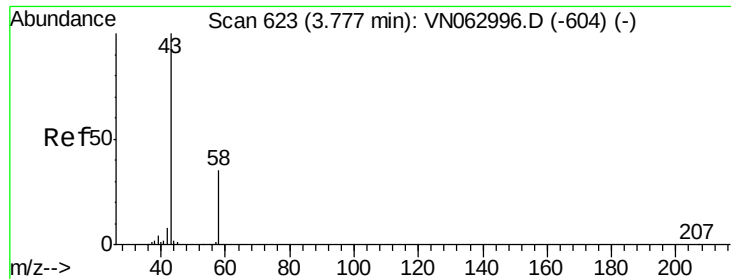
400

200

0

Time--> 4.60 4.65 4.70 4.75





#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN063114.D

Acq: 25 Aug 2020 14:57

Instrument :

MSVOA_N

ClientSampleId :

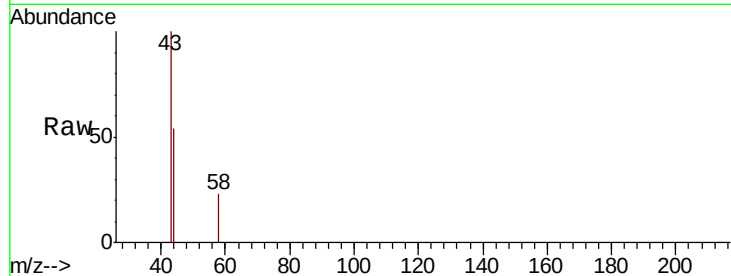
DRUM-1

Tot Ion: 43 Resp: 1244

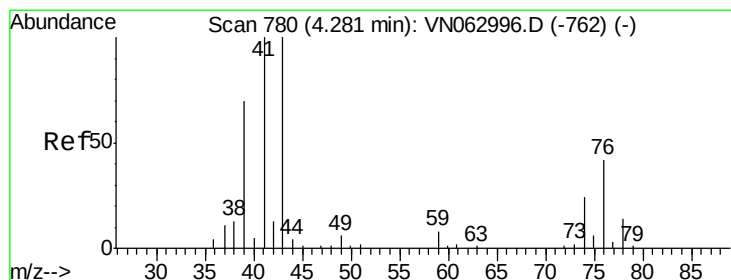
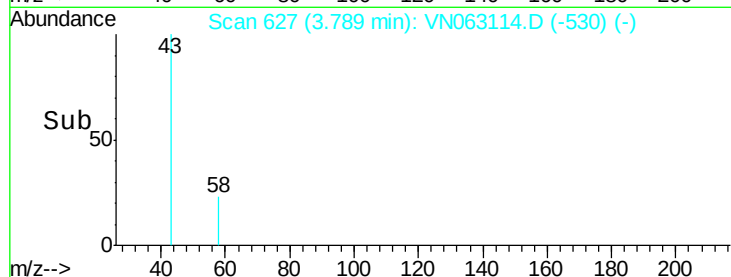
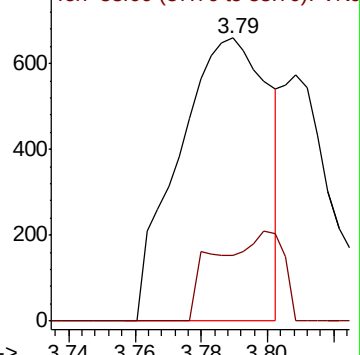
Ion Ratio Lower Upper

43 100

58 23.4 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VN063114.D (-530) (-)



#18

Methyl Acetate

Concen: 0.258 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.00 min

Lab File: VN063114.D

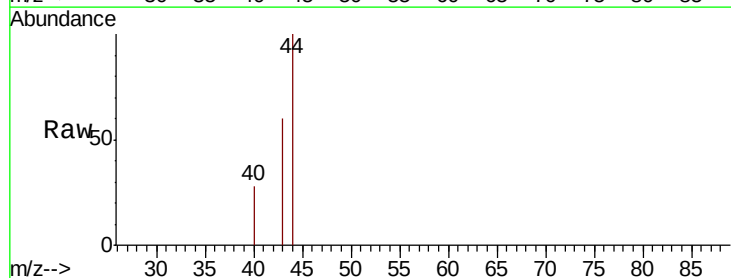
Acq: 25 Aug 2020 14:57

Tgt Ion: 43 Resp: 410

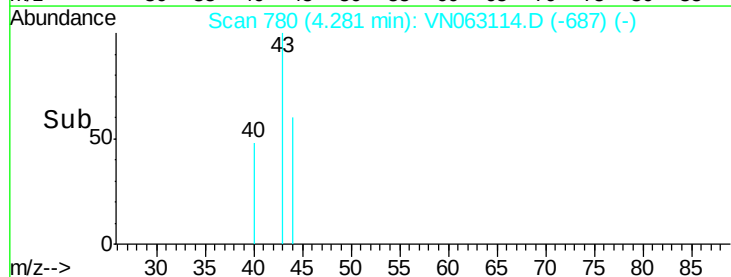
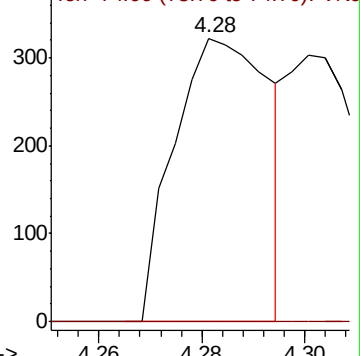
Ion Ratio Lower Upper

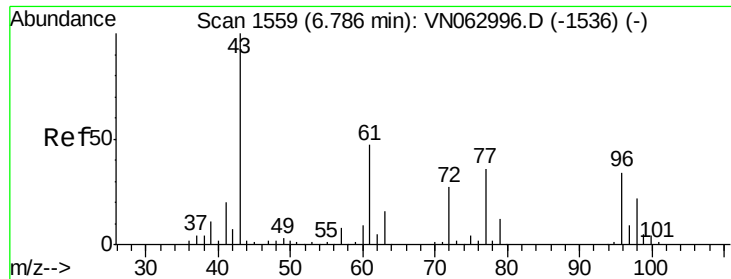
43 100

74 0.0 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VN063114.D (-687) (-)

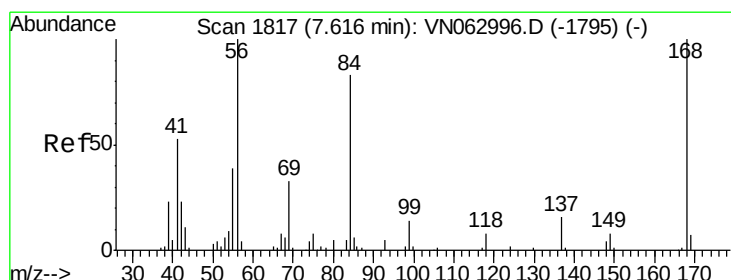
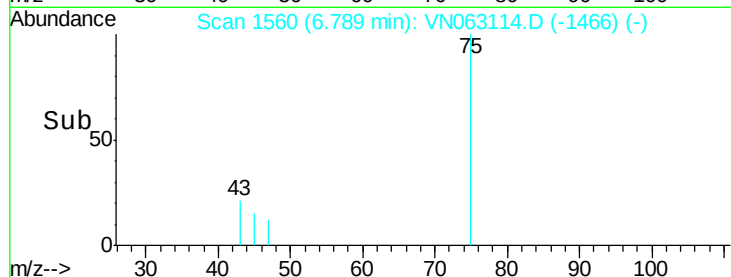
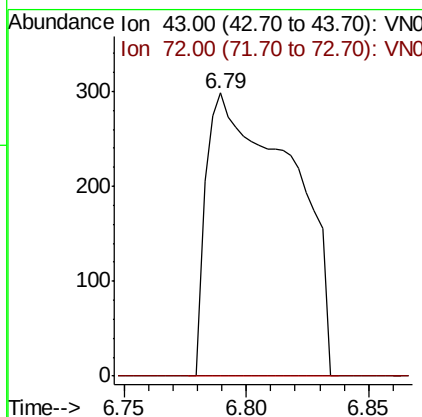
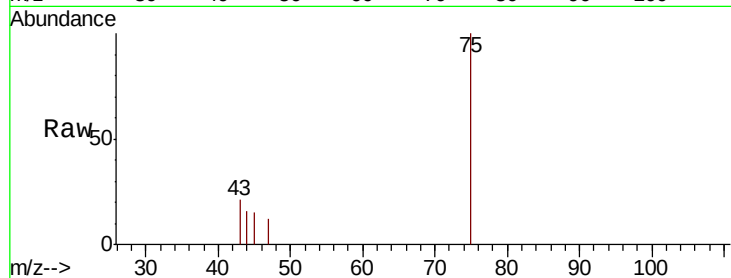




#25
2-Butanone
Concen: 0.853 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

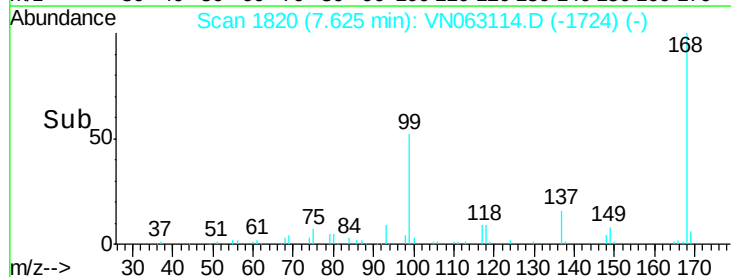
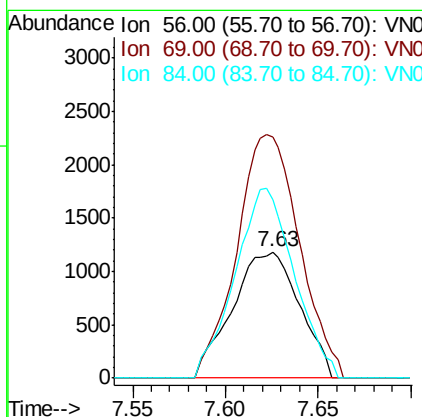
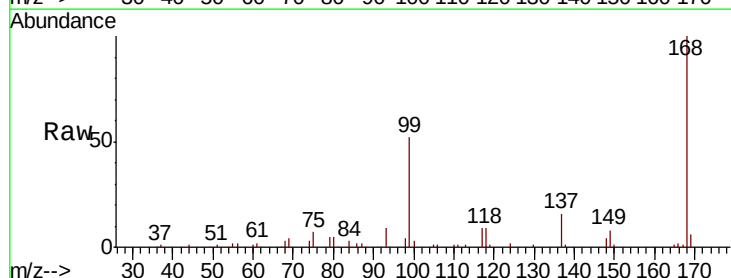
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

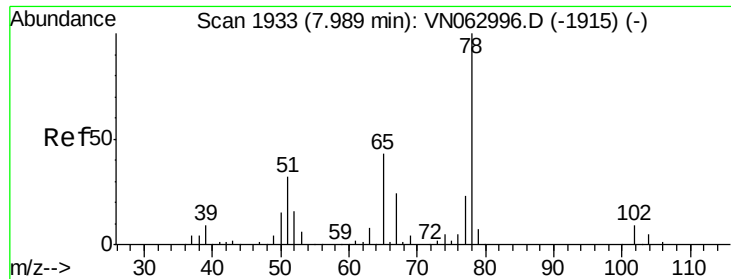
Tot Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
72 0.0 21.8 32.6#



#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

Tgt Ion: 56 Resp: 2982
Ion Ratio Lower Upper
56 100
69 191.4 26.6 40.0#
84 142.1 66.4 99.6#

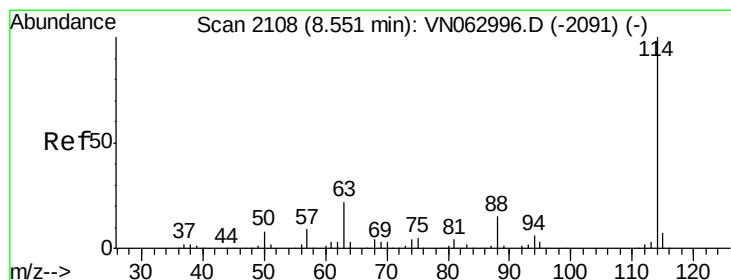
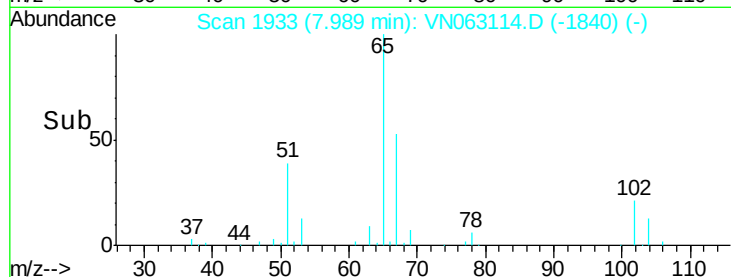
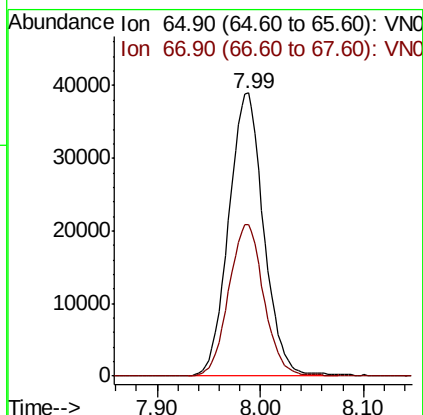
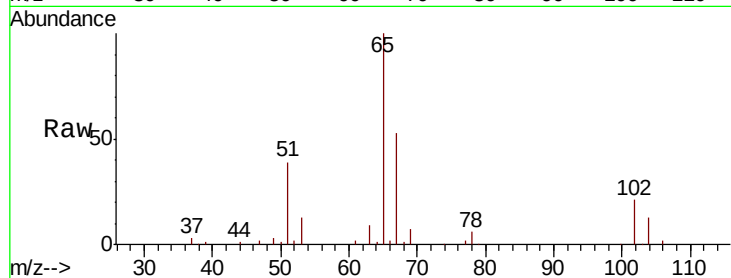




#33
 1,2-Dichloroethane-d4
 Concen: 57.647 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN063114.D
 Acq: 25 Aug 2020 14:57

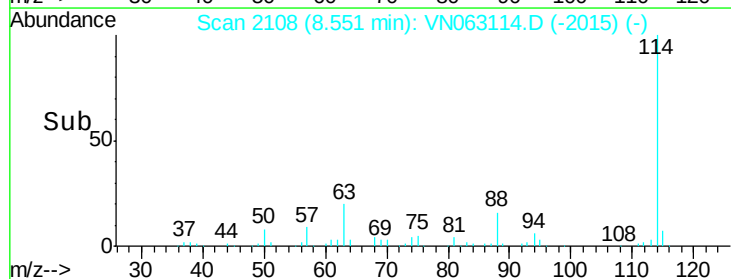
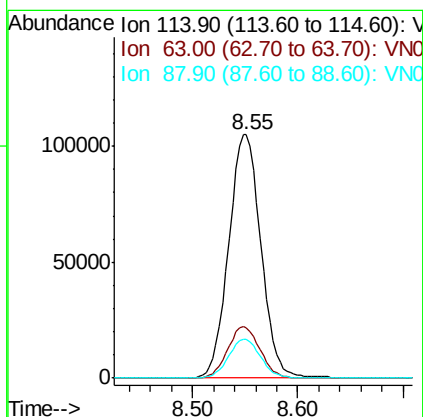
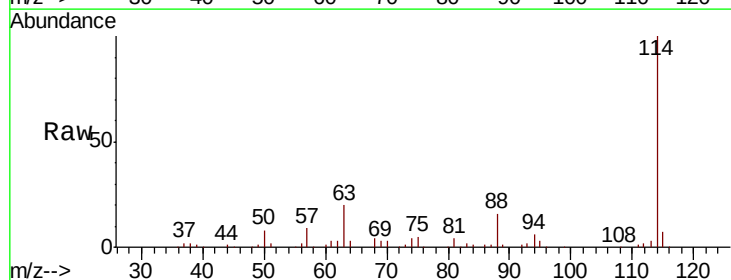
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1

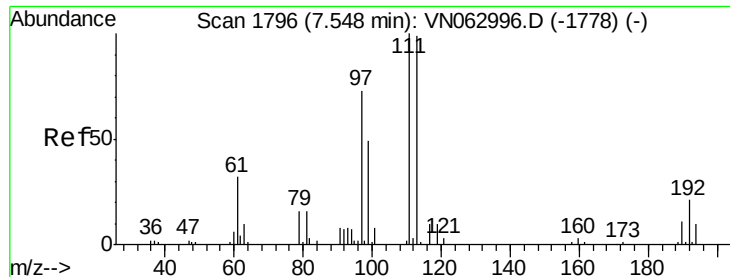
Tot Ion: 65 Resp: 92034
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063114.D
 Acq: 25 Aug 2020 14:57

Tgt Ion: 114 Resp: 222172
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.2
 88 15.7 0.0 30.6

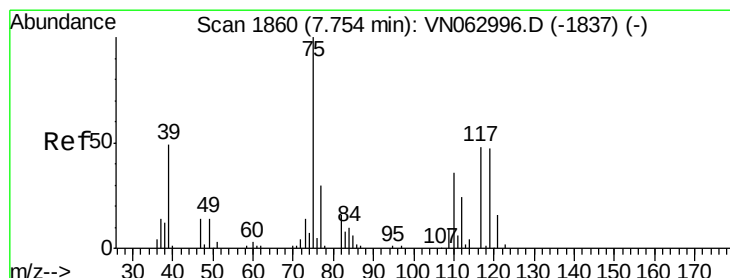
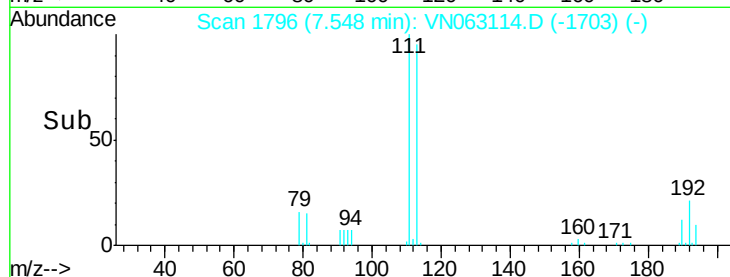
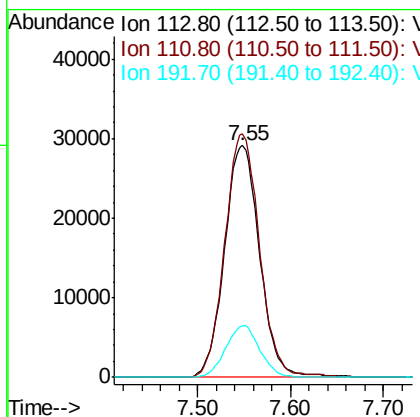
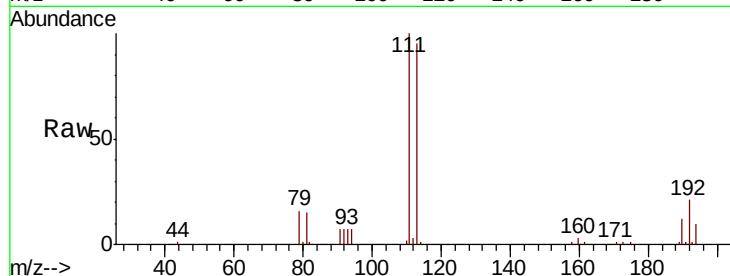




#35
 Dibromofluoromethane
 Concen: 52.926 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN063114.D
 Acq: 25 Aug 2020 14:57

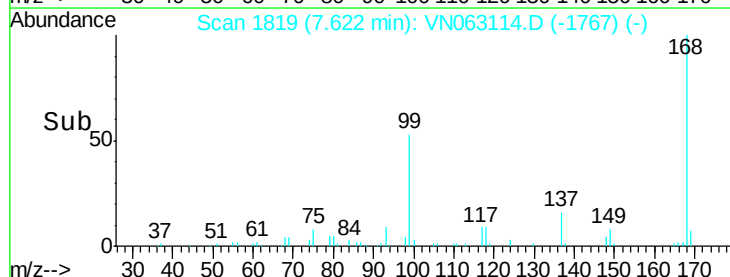
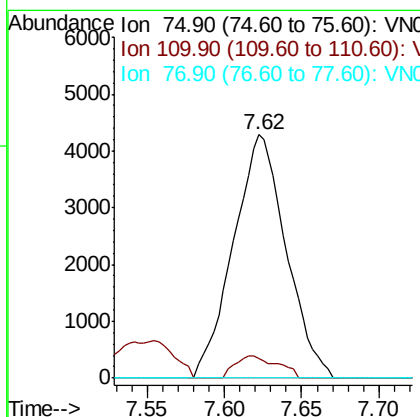
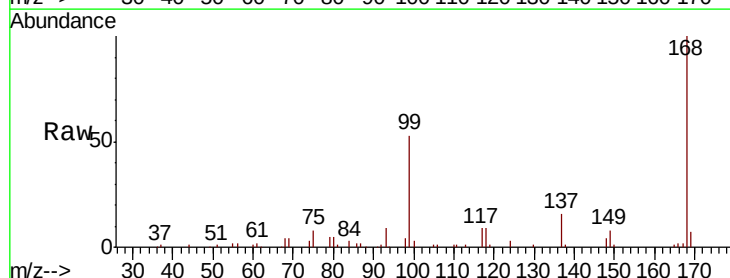
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1

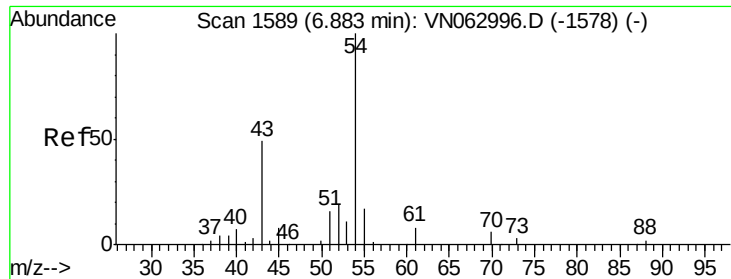
Tot Ion:113 Resp: 76619
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.7 122.5
 192 21.5 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 5.177 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN063114.D
 Acq: 25 Aug 2020 14:57

Tgt Ion: 75 Resp: 10136
 Ion Ratio Lower Upper
 75 100
 110 7.2 17.5 52.6#
 77 0.0 24.2 36.4#

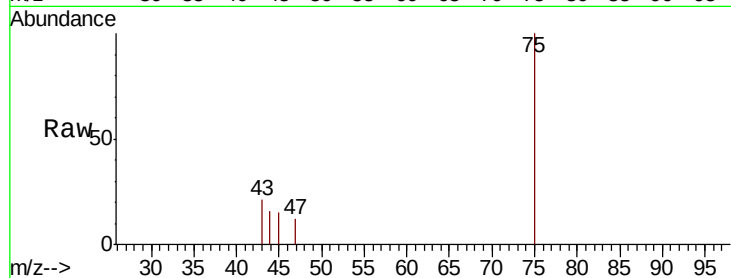




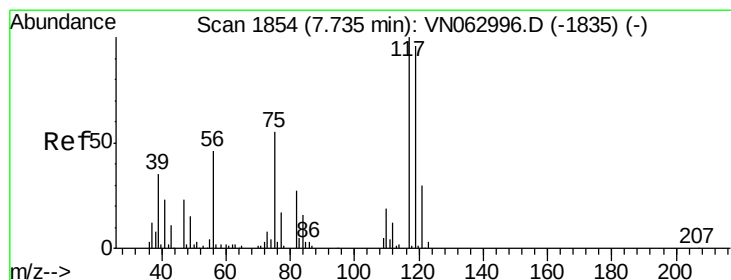
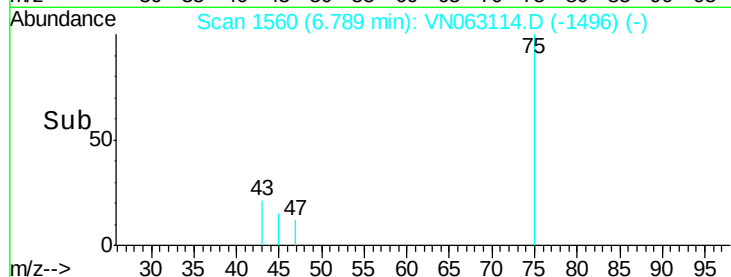
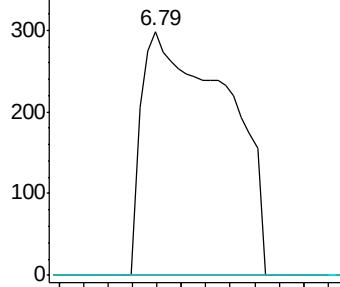
#37
Ethyl Acetate
Concen: 0.394 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.09 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

Tot Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.8#
70 0.0 8.2 12.2#

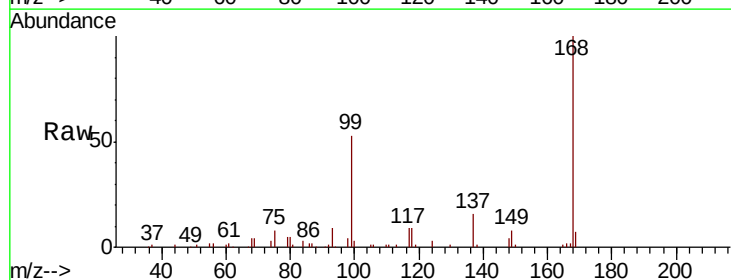


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

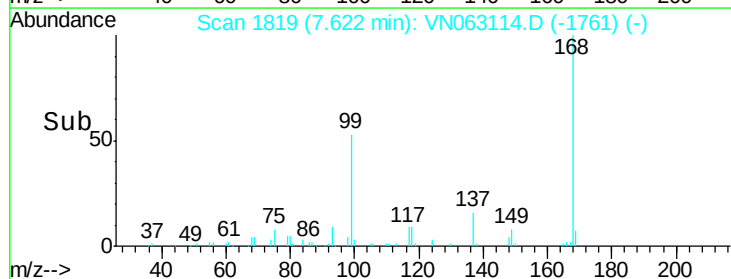
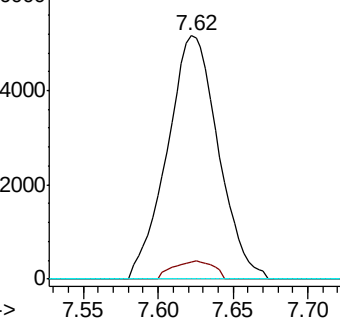


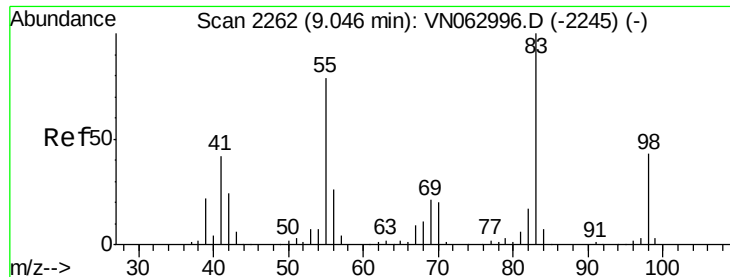
#38
Carbon Tetrachloride
Concen: 6.219 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.11 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

Tgt Ion: 117 Resp: 12293
Ion Ratio Lower Upper
117 100
119 7.2 76.2 114.4#
121 0.0 24.2 36.2#



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

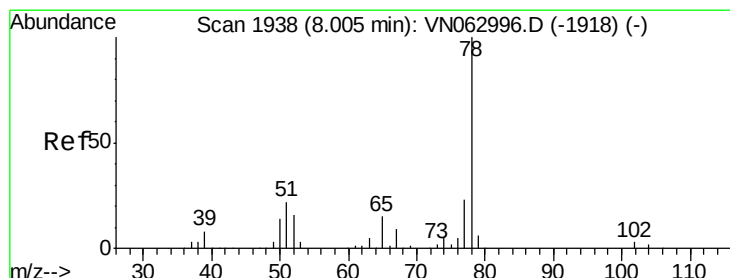
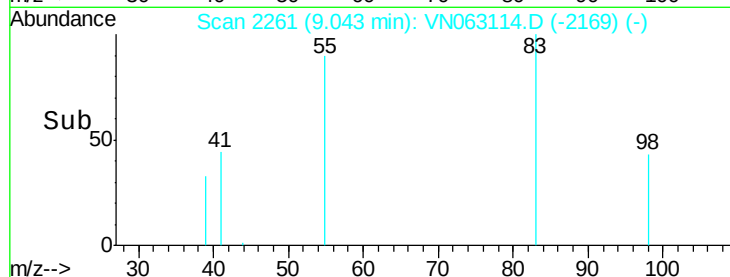
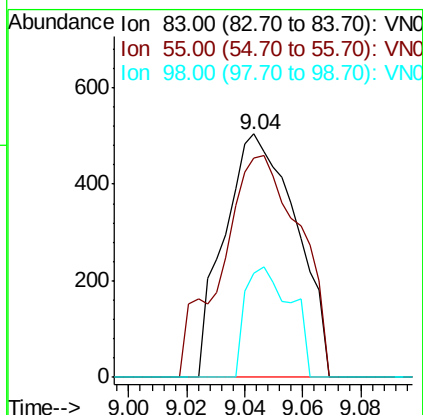
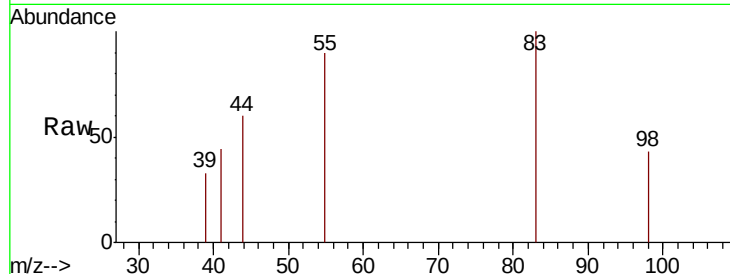




#39
Methylvlcyclohexane
Concen: 1.880 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

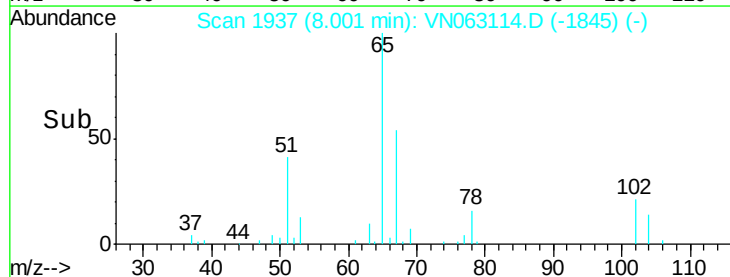
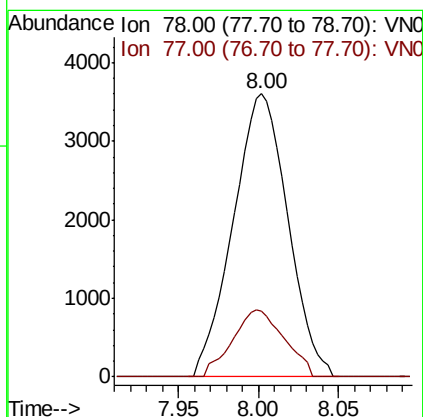
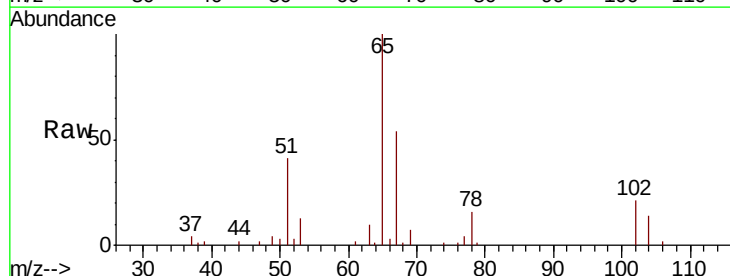
Instrument :
MSVOA_N
ClientSampled :
DRUM-1

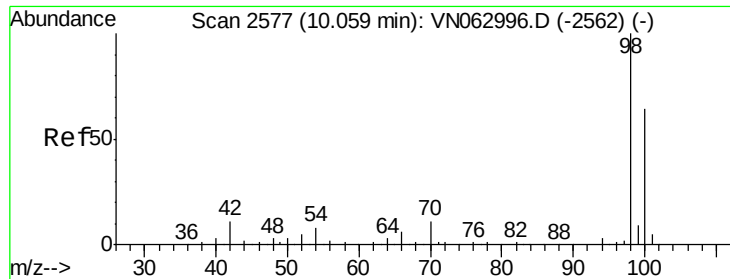
Tot Ion: 83 Resp: 866
Ion Ratio Lower Upper
83 100
55 90.1 63.3 94.9
98 42.7 34.2 51.4



#40
Benzene
Concen: 1.361 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

Tgt Ion: 78 Resp: 8451
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2





#50

Toluene-d8

Concen: 51.915 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN063114.D

Acq: 25 Aug 2020 14:57

Instrument :

MSVOA_N

ClientSampleId :

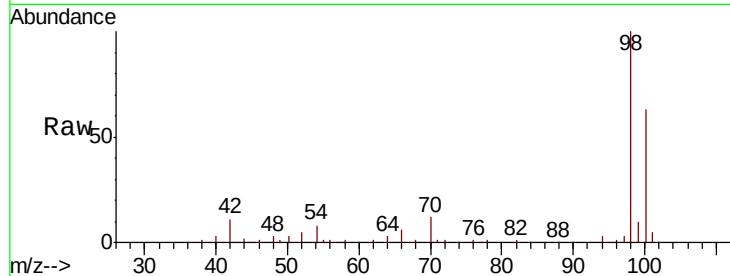
DRUM-1

Tot Ion: 98 Resp: 288677

Ion Ratio Lower Upper

98 100

100 63.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062996.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062996.D (-2562) (-)

10.06

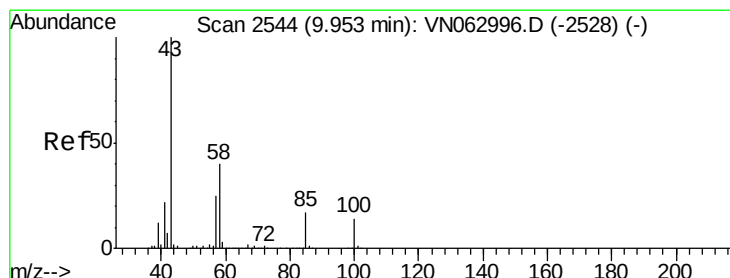
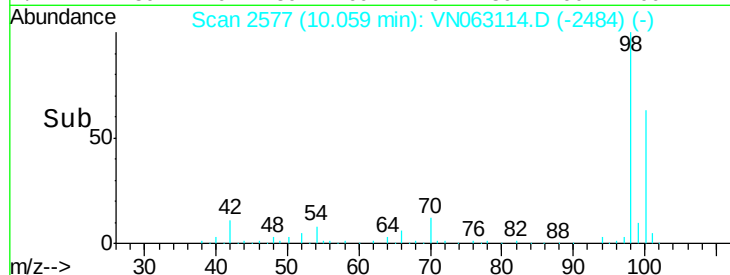
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.681 ug/l

RT: 10.07 min Scan# 2579

Delta R.T. 0.11 min

Lab File: VN063114.D

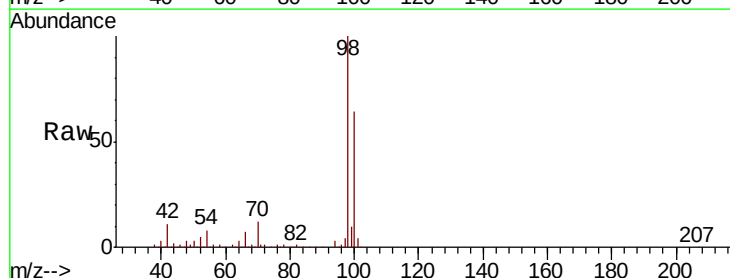
Acq: 25 Aug 2020 14:57

Tgt Ion: 43 Resp: 1309

Ion Ratio Lower Upper

43 100

58 173.7 32.2 48.2#



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-2528) (-)

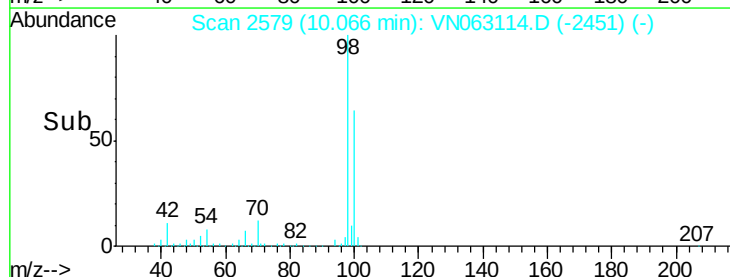
10.07

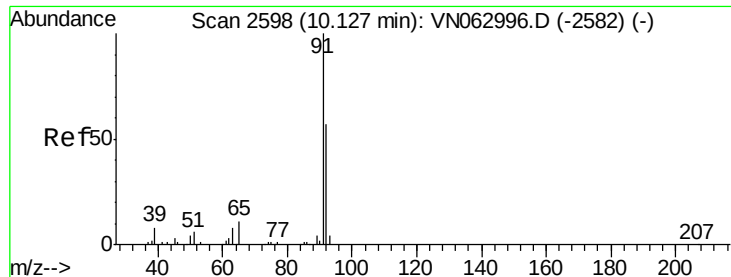
1000

500

0

Time-->





#52

Toluene

Concen: 11.329 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN063114.D

Acq: 25 Aug 2020 14:57

Instrument :

MSVOA_N

ClientSampled :

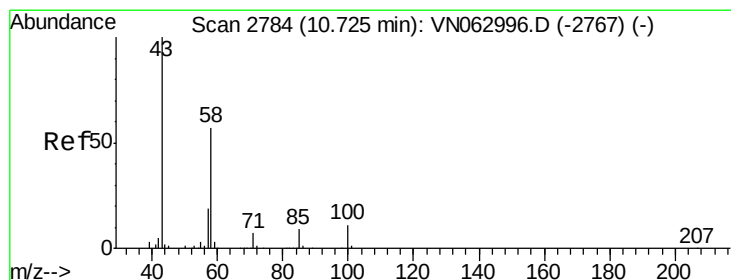
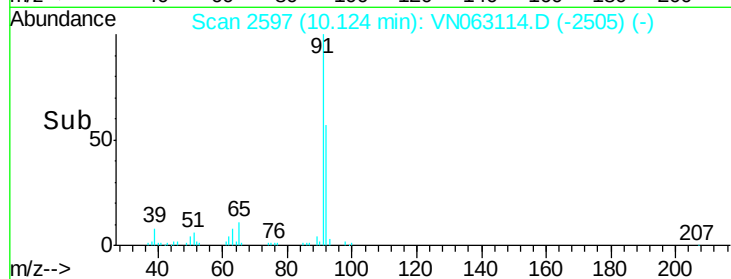
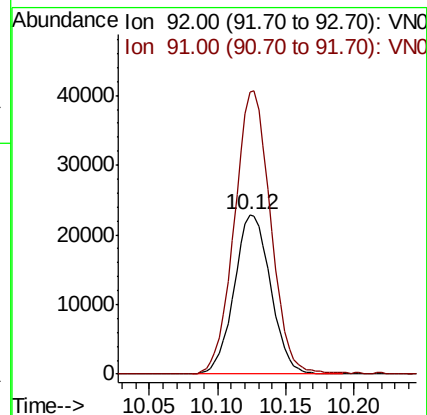
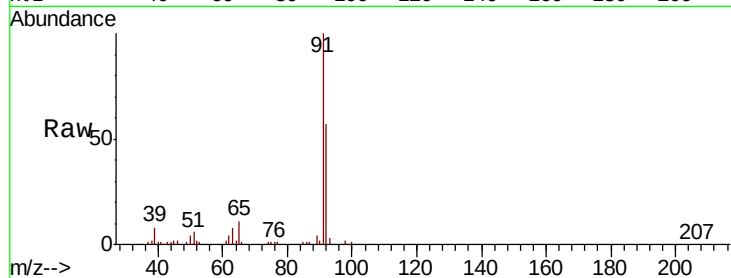
DRUM-1

Tot Ion: 92 Resp: 42439

Ion Ratio Lower Upper

92 100

91 177.0 139.2 208.8



#59

2-Hexanone

Concen: 0.694 ug/l

RT: 10.83 min Scan# 2816

Delta R.T. 0.10 min

Lab File: VN063114.D

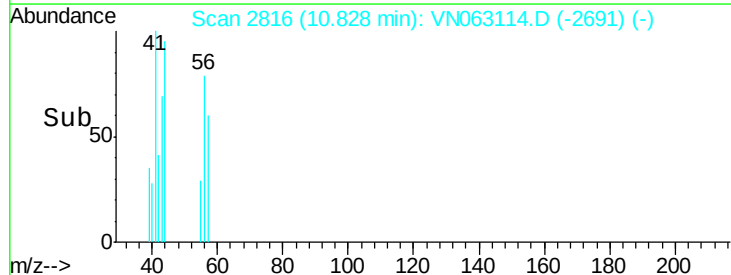
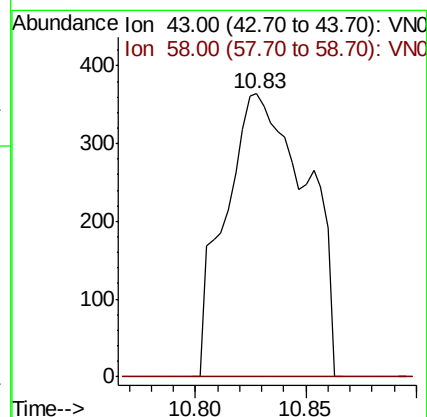
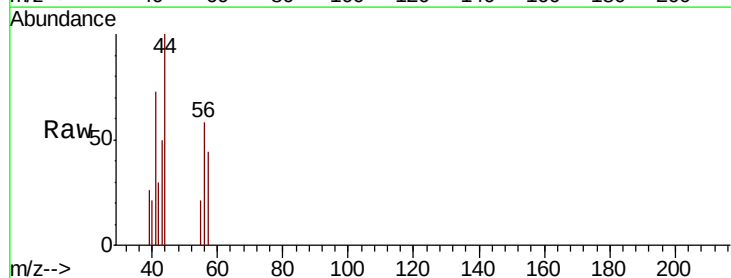
Acq: 25 Aug 2020 14:57

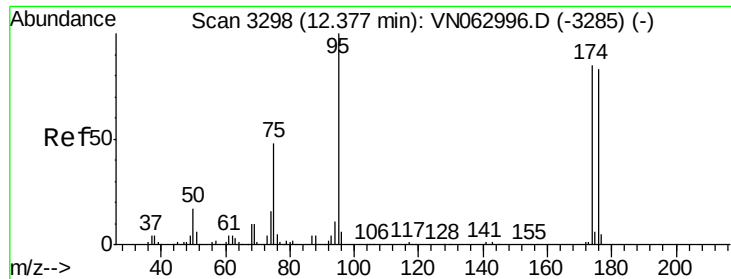
Tgt Ion: 43 Resp: 930

Ion Ratio Lower Upper

43 100

58 0.0 28.1 84.3#

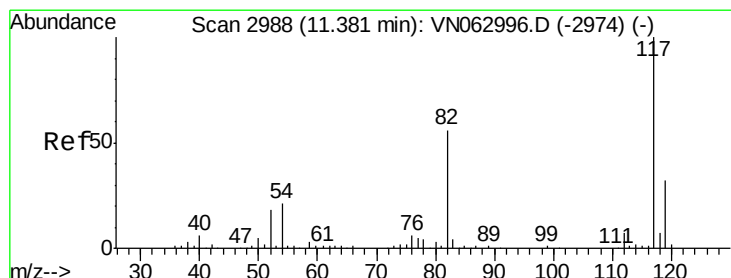
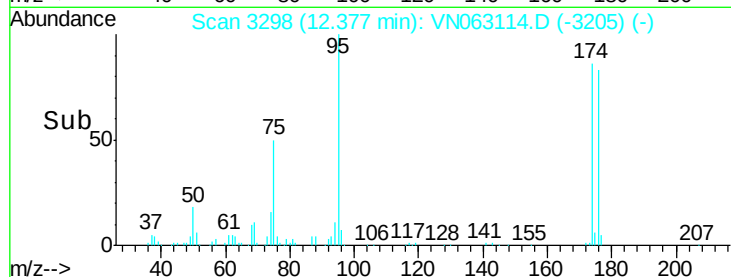
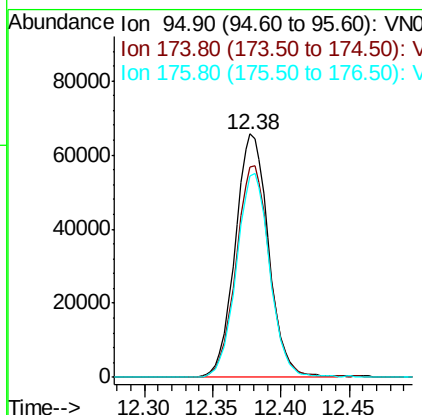
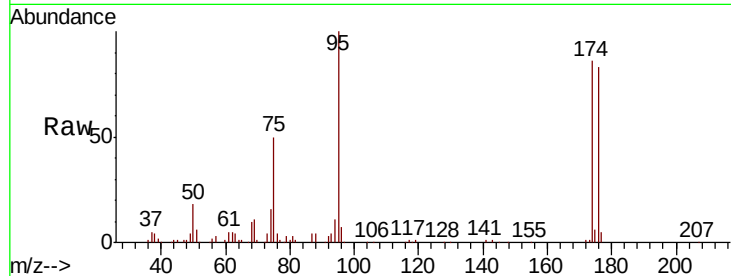




#62
4-Bromofluorobenzene
Concen: 57.031 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

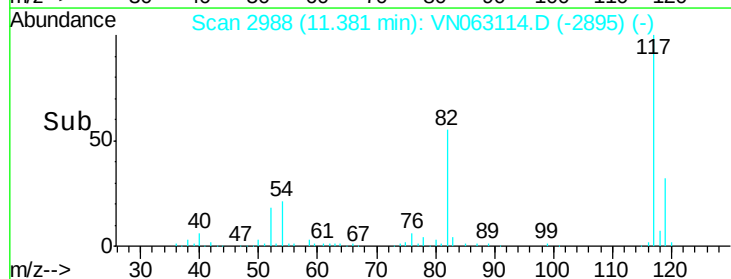
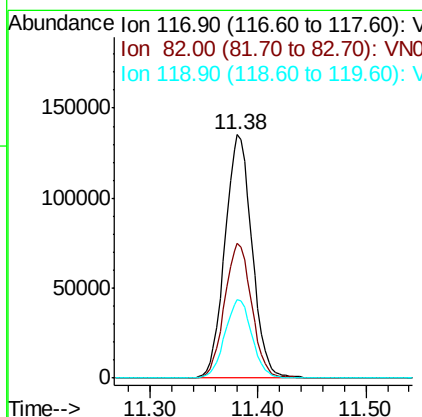
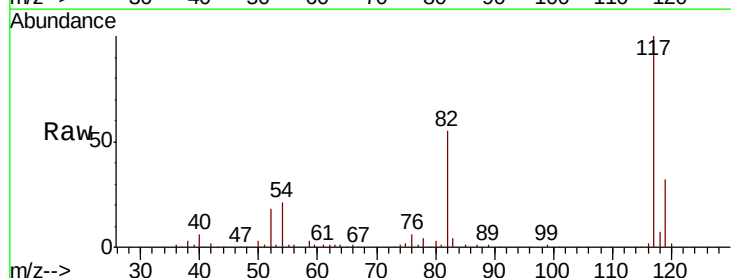
Instrument :
MSVOA_N
ClientSampled :
DRUM-1

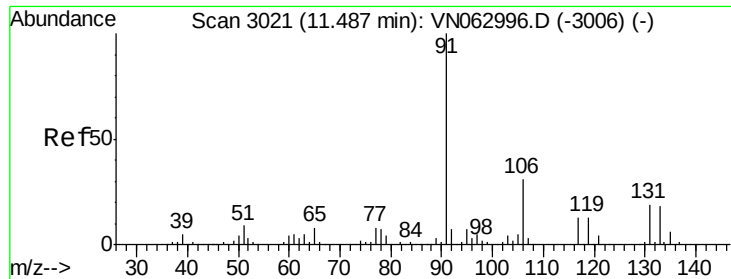
Tot Ion: 95 Resp: 111909
Ion Ratio Lower Upper
95 100
174 87.2 0.0 170.8
176 83.1 0.0 164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

Tgt Ion: 117 Resp: 236752
Ion Ratio Lower Upper
117 100
82 55.3 44.5 66.7
119 32.2 25.5 38.3

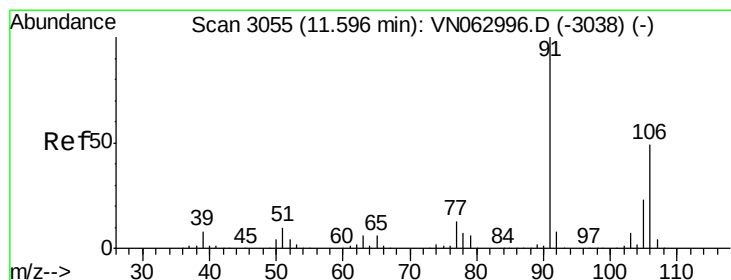
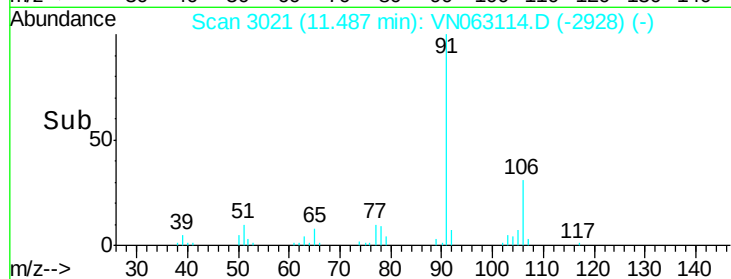
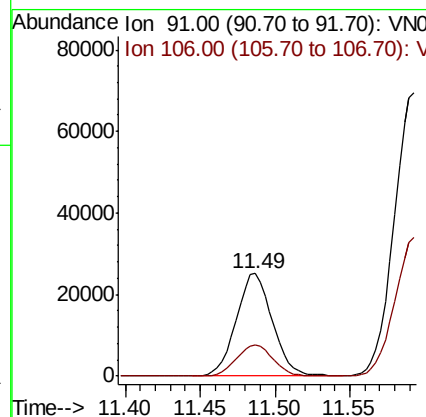
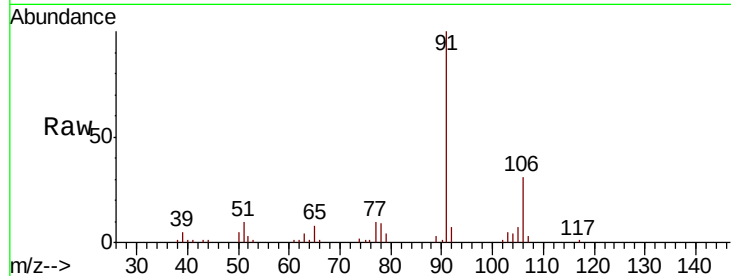




#67
Ethyl Benzene
Concen: 5.286 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

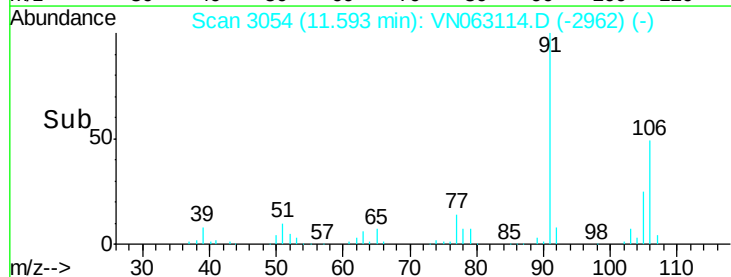
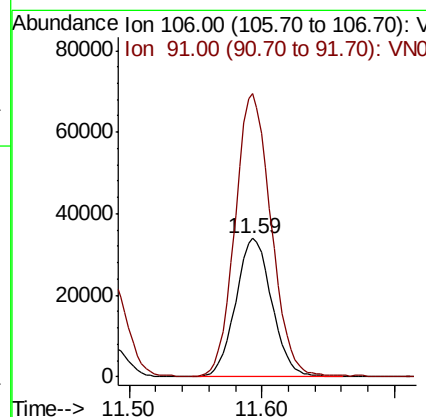
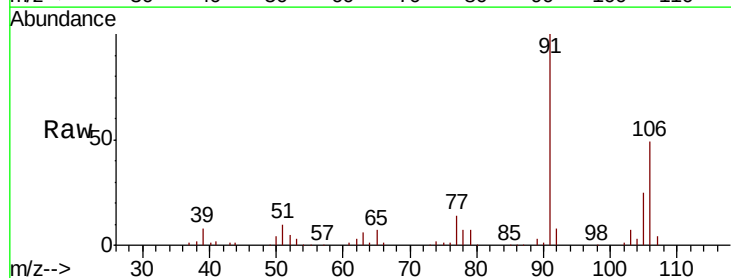
Instrument :
MSVOA_N
ClientSampled :
DRUM-1

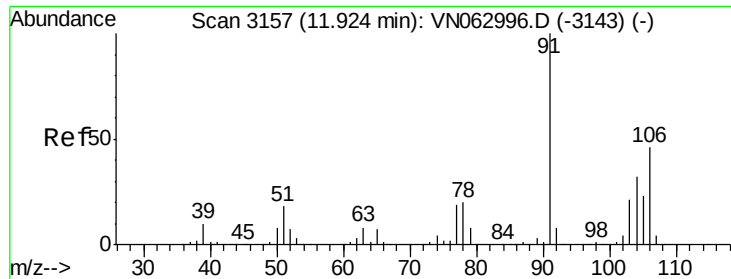
Tot Ion: 91 Resp: 42467
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0



#68
m/p-Xylenes
Concen: 21.500 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

Tgt Ion: 106 Resp: 64201
Ion Ratio Lower Upper
106 100
91 204.2 163.0 244.4

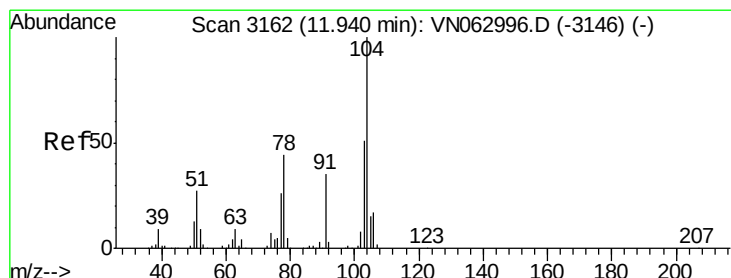
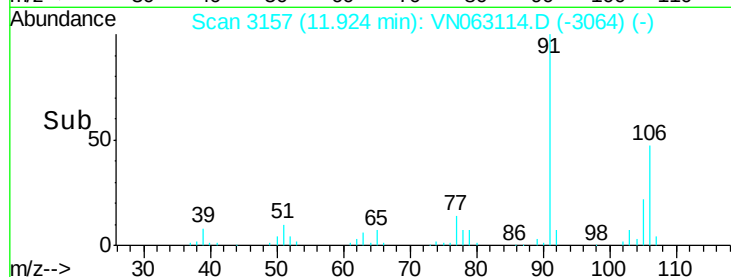
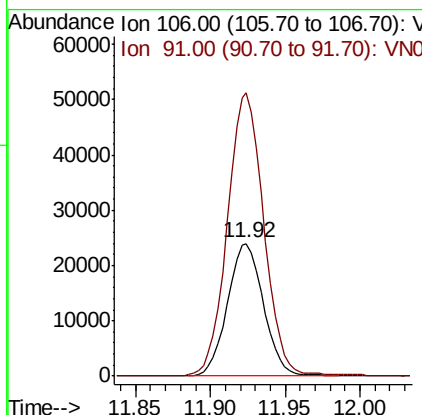
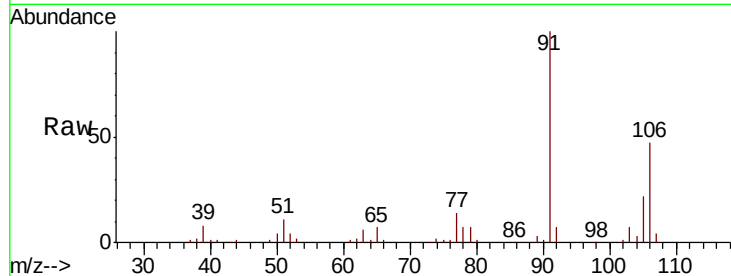




#69
o-Xylene
Concen: 14.002 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

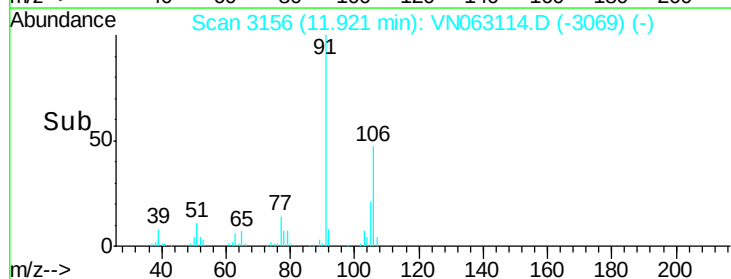
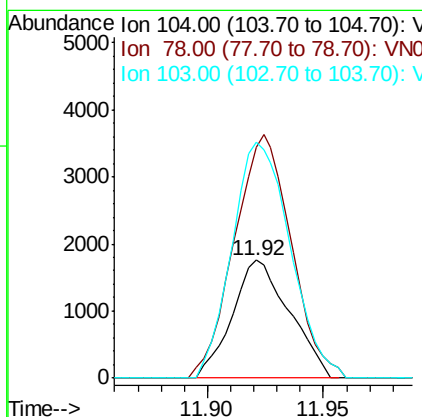
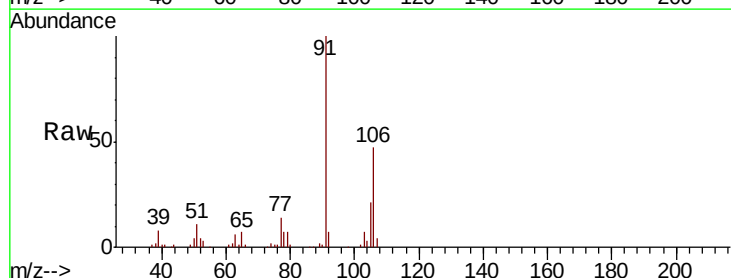
Instrument :
MSVOA_N
ClientSampled :
DRUM-1

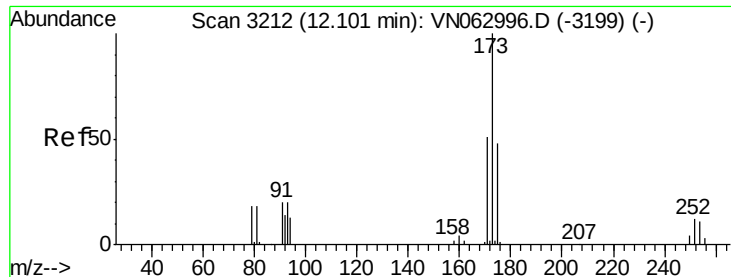
Tot Ion:106 Resp: 40149
Ion Ratio Lower Upper
106 100
91 216.7 107.3 321.9



#70
Styrene
Concen: 2.433 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.02 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

Tgt Ion:104 Resp: 3015
Ion Ratio Lower Upper
104 100
78 205.3 39.0 58.6#
103 203.6 44.3 66.5#





#71

Bromoform

Concen: 0.689 ug/l

RT: 12.38 min Scan# 3299

Delta R.T. 0.28 min

Lab File: VN063114.D

Acq: 25 Aug 2020 14:57

Instrument :

MSVOA_N

ClientSampled :

DRUM-1

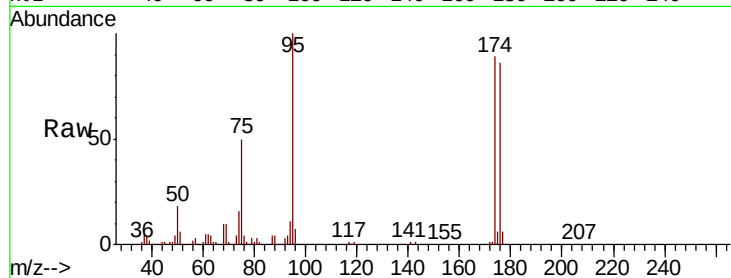
Tot Ion:173 Resp: 1014

Ion Ratio Lower Upper

173 100

175 562.4 24.3 72.8#

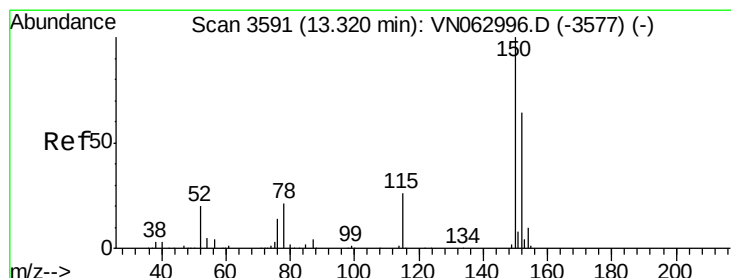
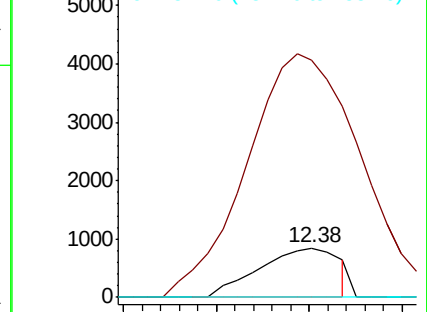
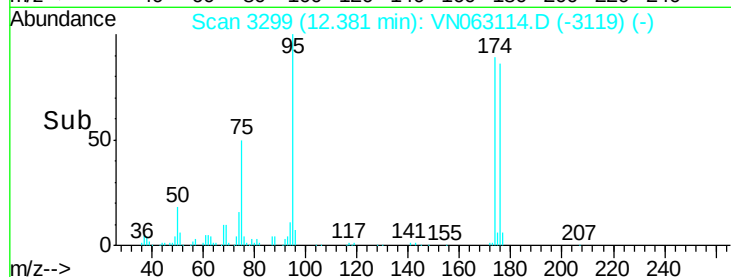
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063114.D

Acq: 25 Aug 2020 14:57

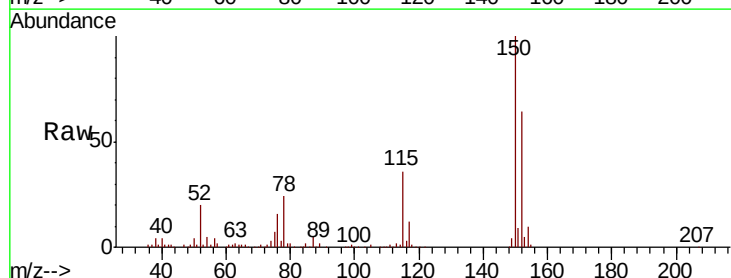
Tgt Ion:152 Resp: 120066

Ion Ratio Lower Upper

152 100

115 59.5 28.7 86.3

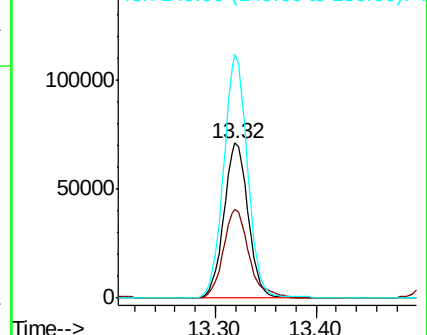
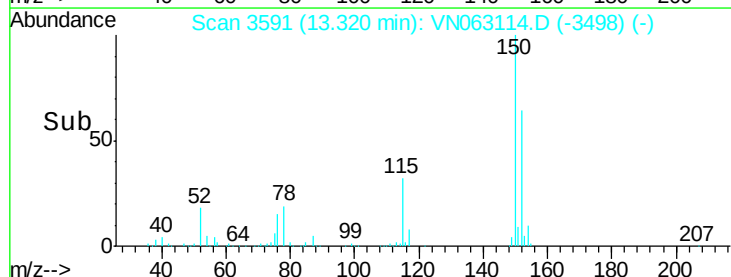
150 155.3 0.0 348.8

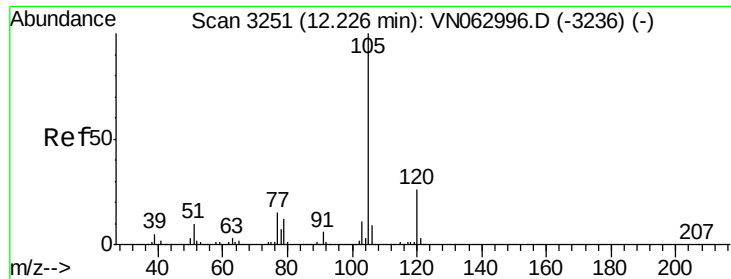


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.156 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN063114.D

Acq: 25 Aug 2020 14:57

Instrument :

MSVOA_N

ClientSampleId :

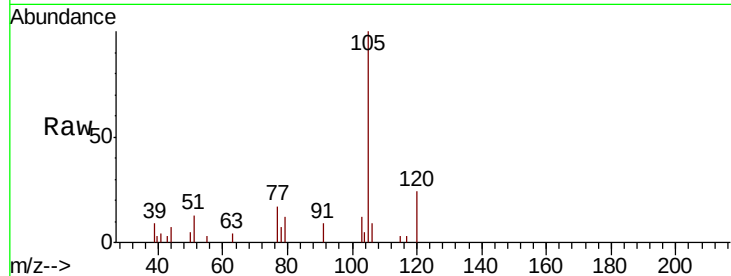
DRUM-1

Tot Ion:105 Resp: 9503

Ion Ratio Lower Upper

105 100

120 24.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

6000

5000

4000

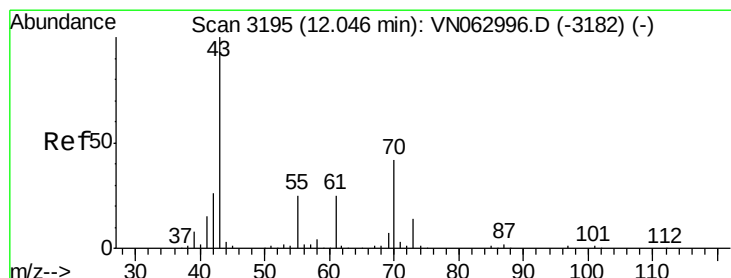
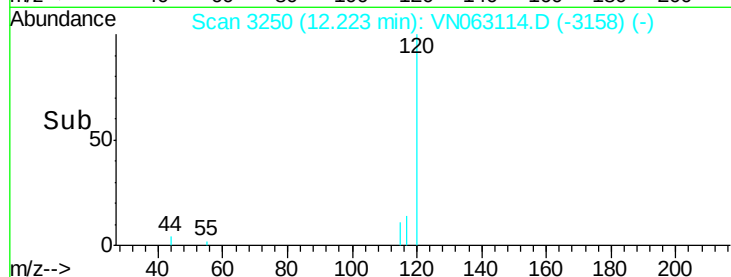
3000

2000

1000

0

Time-->



#74

N-ethyl acetate

Concen: 0.203 ug/l

RT: 12.02 min Scan# 3187

Delta R.T. -0.03 min

Lab File: VN063114.D

Acq: 25 Aug 2020 14:57

Tgt Ion: 43 Resp: 599

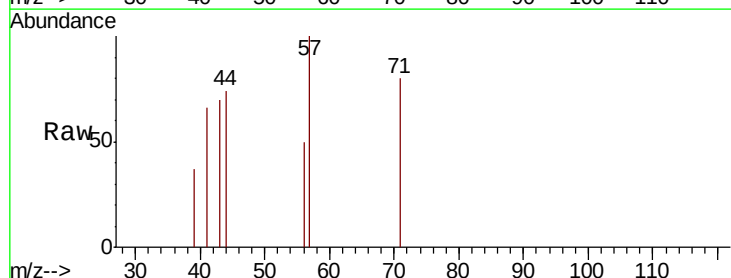
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 0.0 20.2 30.2#

61 0.0 19.9 29.9#



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

400

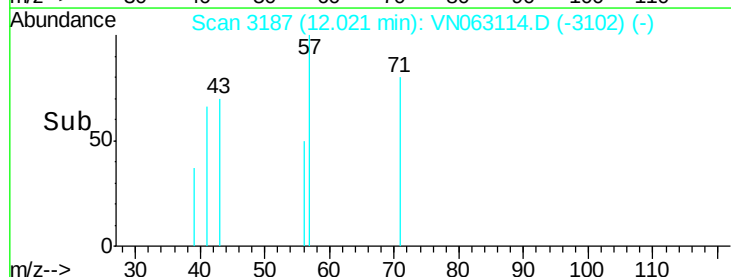
300

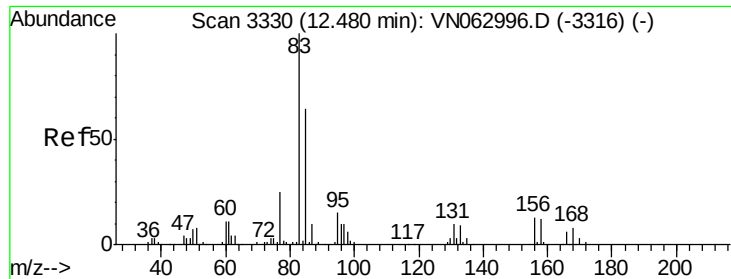
200

100

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.67 min Scan# 3388

Delta R.T. 0.19 min

Lab File: VN063114.D

Acq: 25 Aug 2020 14:57

Instrument :

MSVOA_N

ClientSampled :

DRUM-1

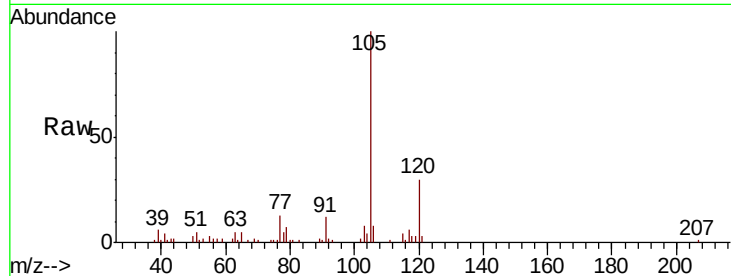
Tot Ion: 83 Resp: 302

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

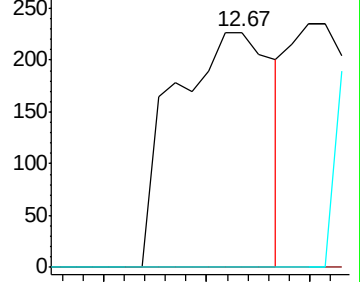
85 0.0 31.9 95.5#



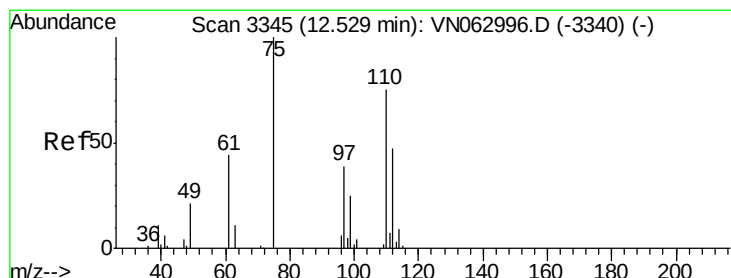
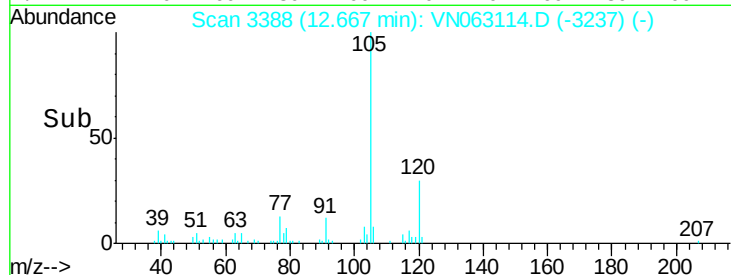
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 23.488 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN063114.D

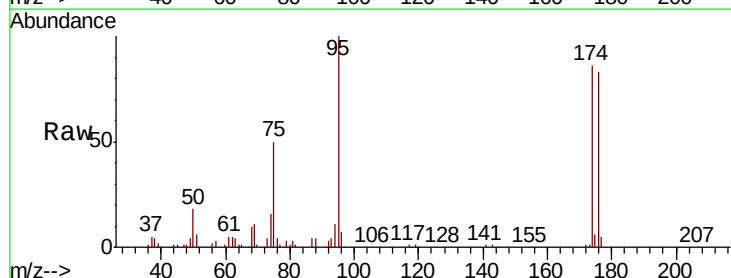
Acq: 25 Aug 2020 14:57

Tgt Ion: 75 Resp: 54817

Ion Ratio Lower Upper

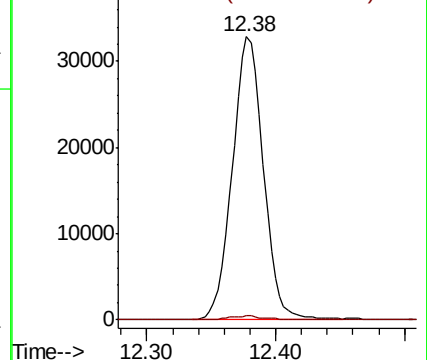
75 100

77 1.5 0.0 0.0#

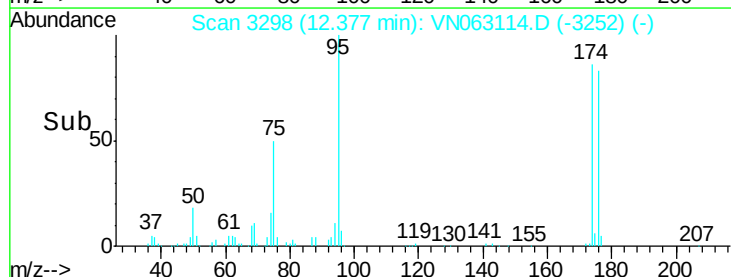


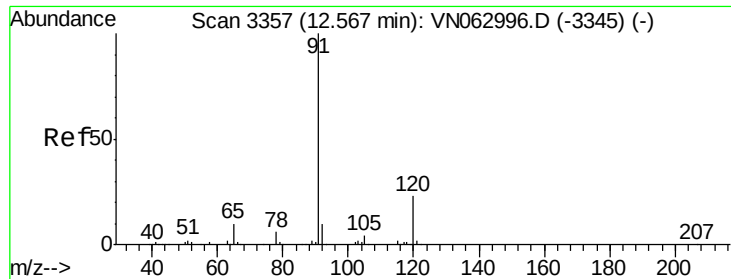
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->





#78

n-propylbenzene

Concen: 2.854 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN063114.D

Acq: 25 Aug 2020 14:57

Instrument :

MSVOA_N

ClientSampleId :

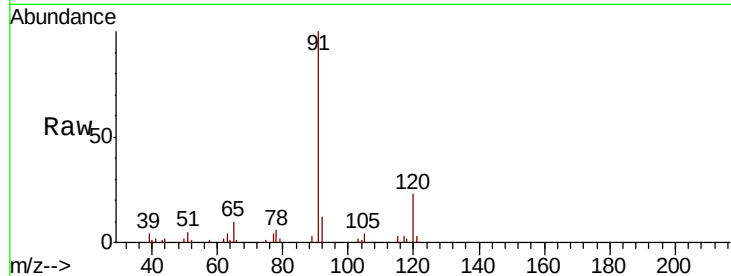
DRUM-1

Tot Ion: 91 Resp: 26747

Ion Ratio Lower Upper

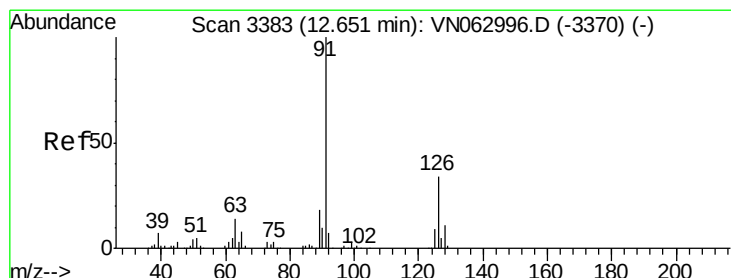
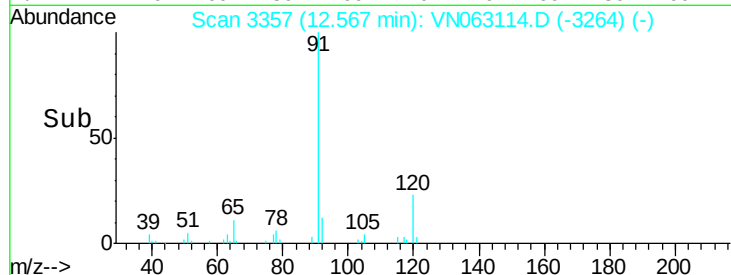
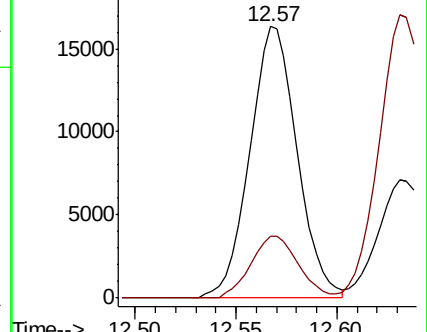
91 100

120 22.9 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN063114.D (-3264) (-)

Ion 120.00 (119.70 to 120.70): VN063114.D (-3264) (-)



#79

2-Chlorotoluene

Concen: 1.831 ug/l

RT: 12.63 min Scan# 3377

Delta R.T. -0.02 min

Lab File: VN063114.D

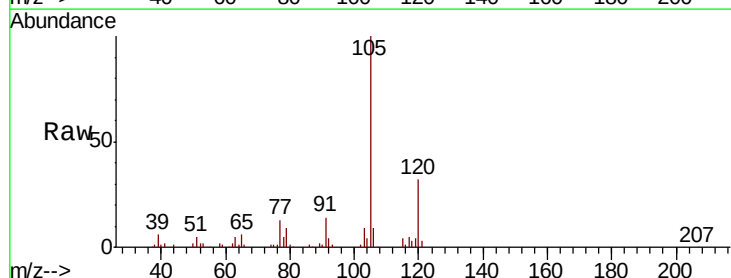
Acq: 25 Aug 2020 14:57

Tgt Ion: 91 Resp: 10793

Ion Ratio Lower Upper

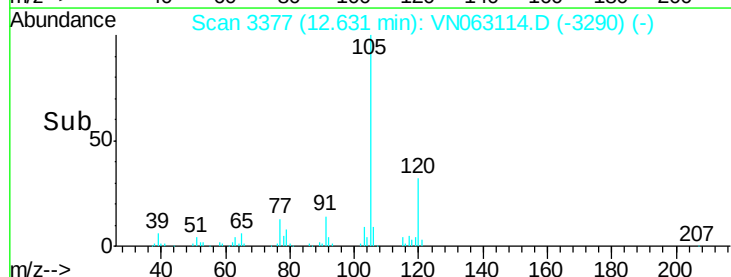
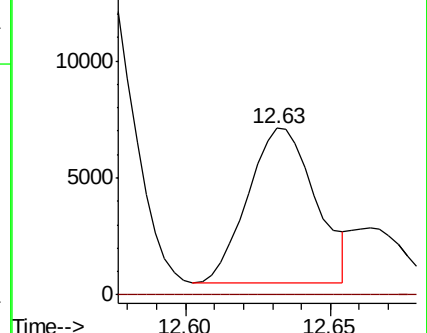
91 100

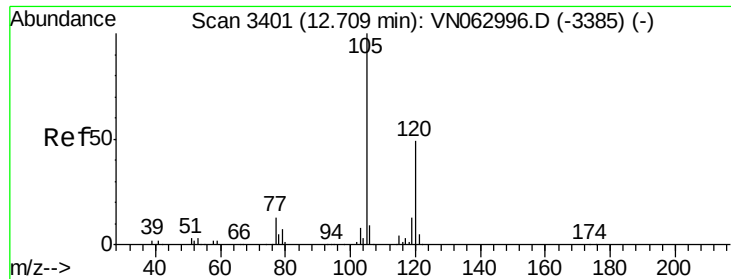
126 0.0 17.1 51.2#



Abundance Ion 91.00 (90.70 to 91.70): VN063114.D (-3290) (-)

Ion 125.90 (125.60 to 126.60): VN063114.D (-3290) (-)

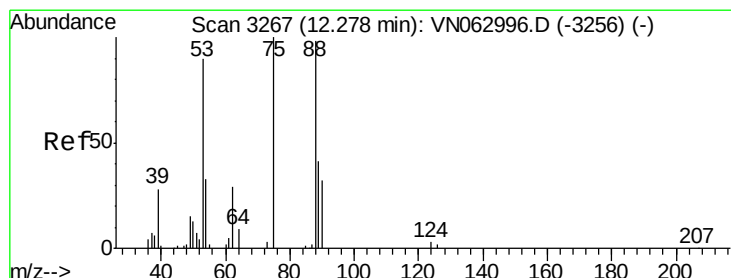
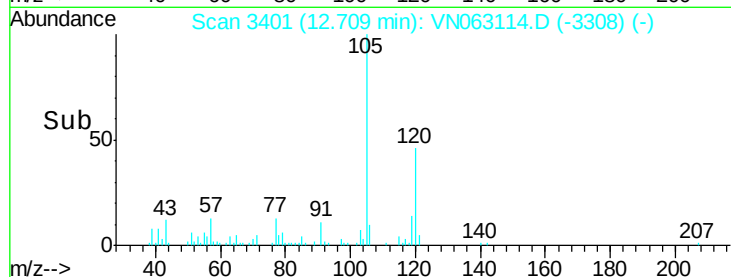
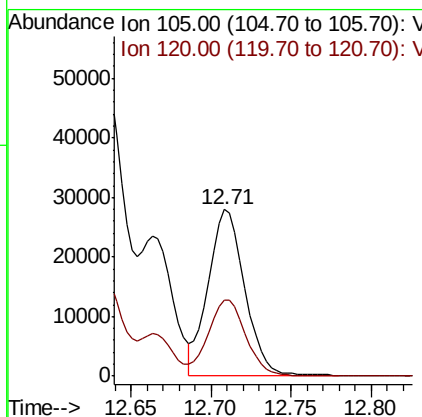
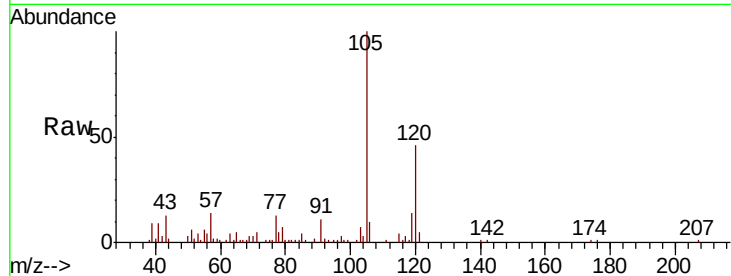




#80
 1,3,5-Trimethylbenzene
 Concen: 6.441 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN063114.D
 Acq: 25 Aug 2020 14:57

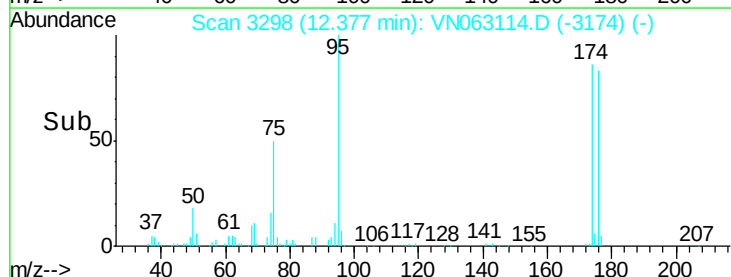
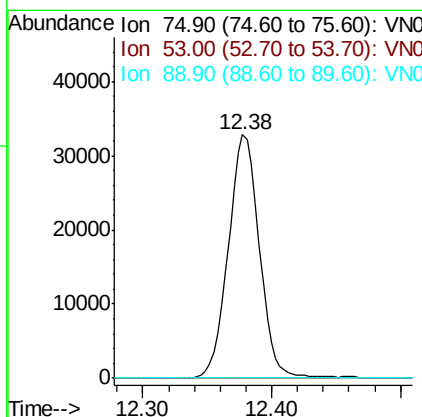
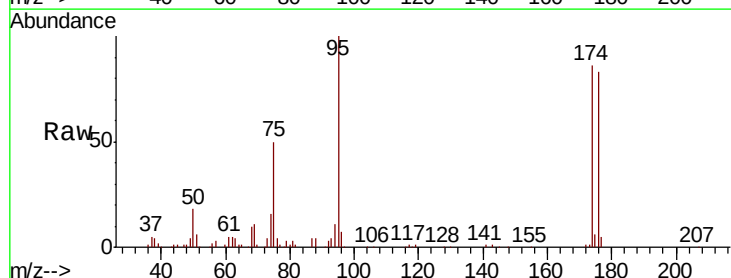
Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-1

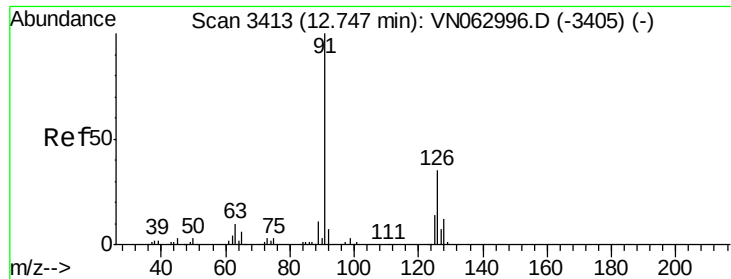
Tot Ion:105 Resp: 43778
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.509 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN063114.D
 Acq: 25 Aug 2020 14:57

Tgt Ion: 75 Resp: 54817
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.2 103.8#
 89 0.0 34.2 51.4#





#82

4-Chlorotoluene

Concen: 0.776 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.04 min

Lab File: VN063114.D

Acq: 25 Aug 2020 14:57

Instrument :

MSVOA_N

ClientSampled :

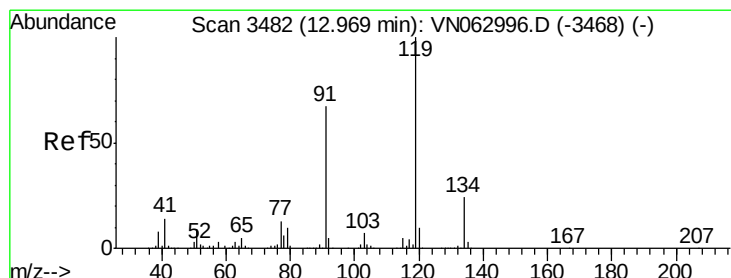
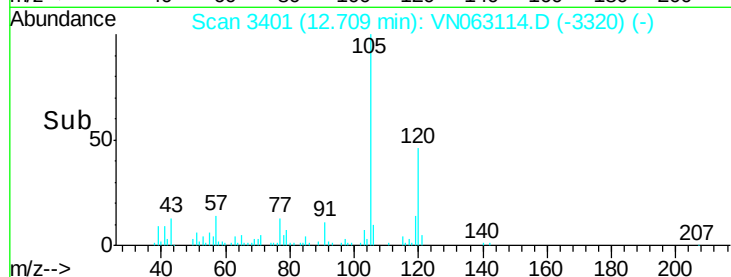
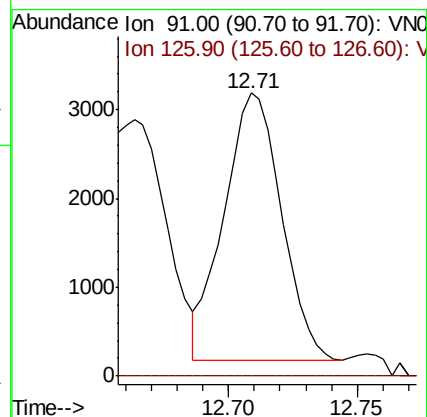
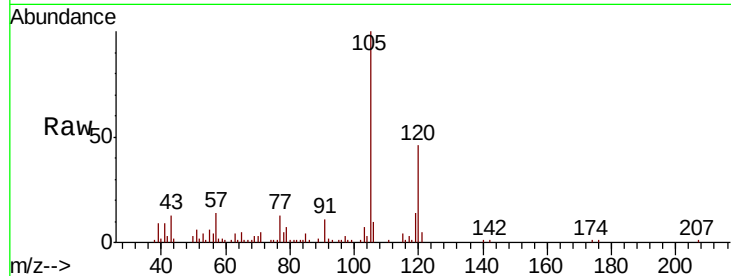
DRUM-1

Tot Ion: 91 Resp: 4660

Ion Ratio Lower Upper

91 100

126 0.0 16.5 49.5#



#83

tert-Butylbenzene

Concen: 4.563 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. 0.05 min

Lab File: VN063114.D

Acq: 25 Aug 2020 14:57

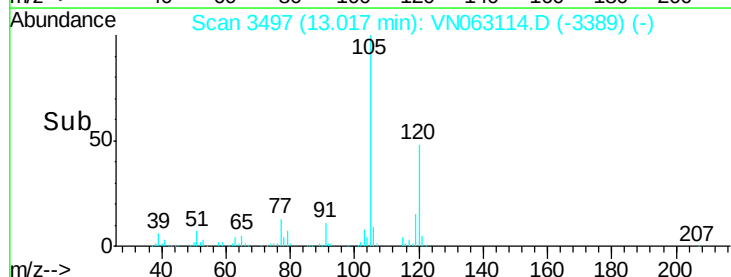
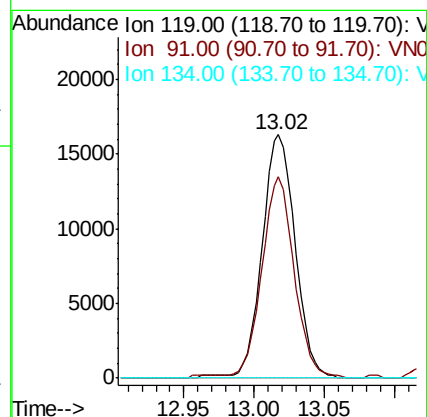
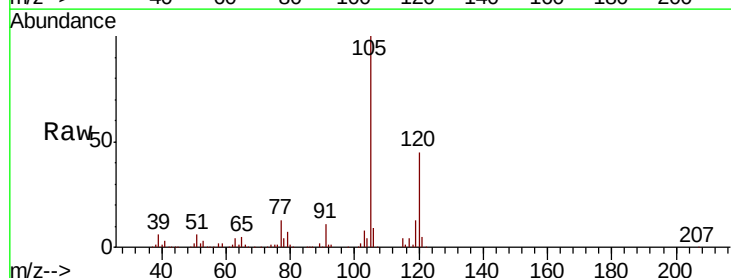
Tgt Ion: 119 Resp: 26770

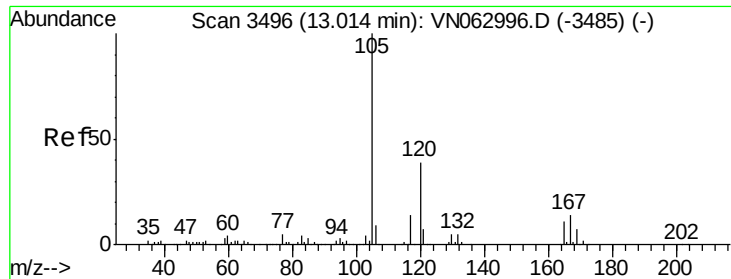
Ion Ratio Lower Upper

119 100

91 81.1 32.5 97.4

134 0.0 13.1 39.3#

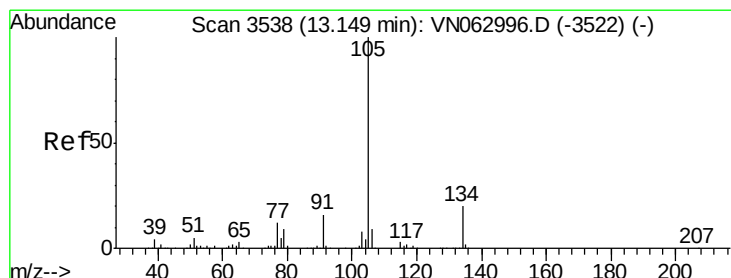
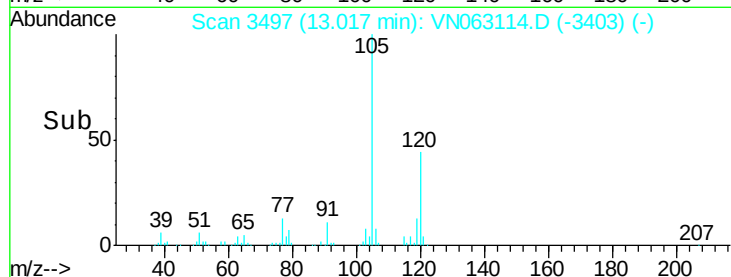
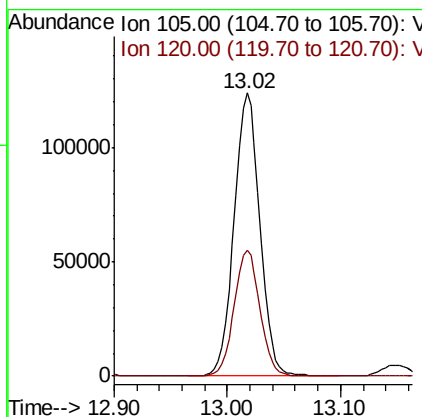
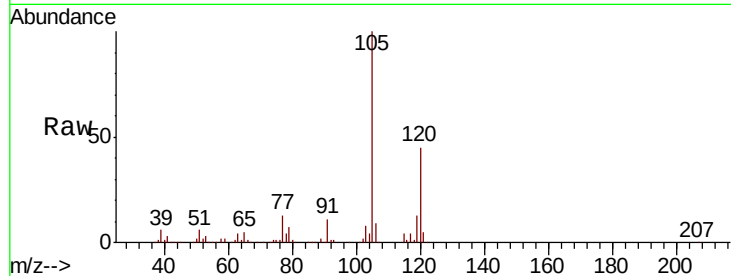




#84
 1,2,4-Trimethylbenzene
 Concen: 29.690 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN063114.D
 Acq: 25 Aug 2020 14:57

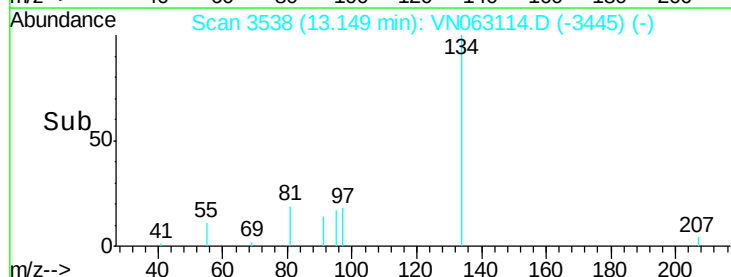
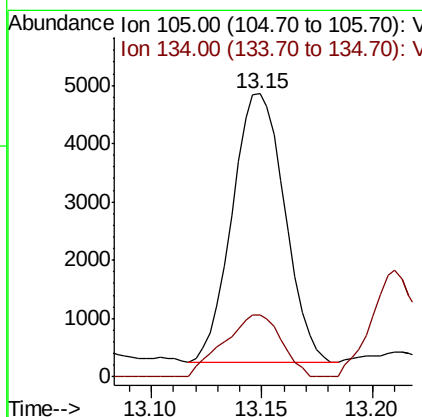
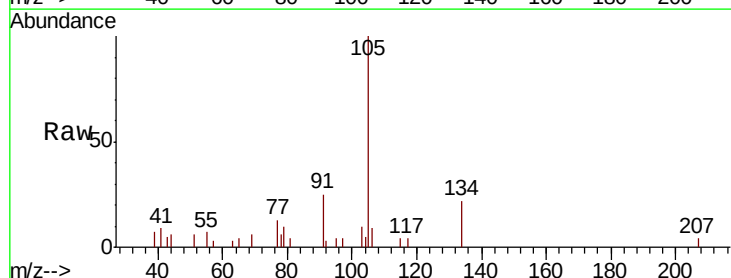
Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-1

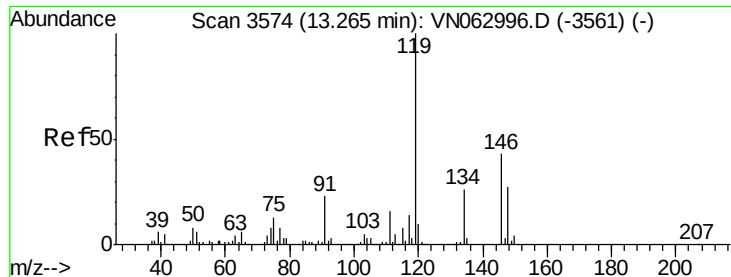
Tot Ion:105 Resp: 196593
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.5 67.5



#85
 sec-Butylbenzene
 Concen: 0.959 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN063114.D
 Acq: 25 Aug 2020 14:57

Tgt Ion:105 Resp: 7603
 Ion Ratio Lower Upper
 105 100
 134 25.3 9.8 29.4

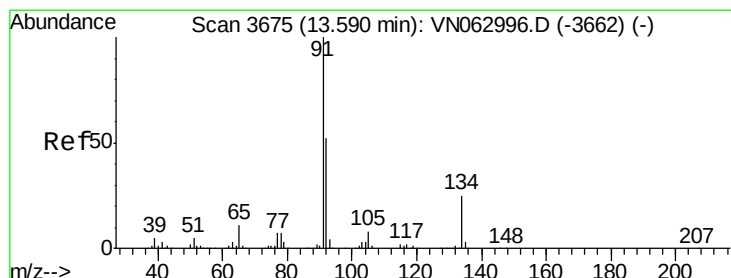
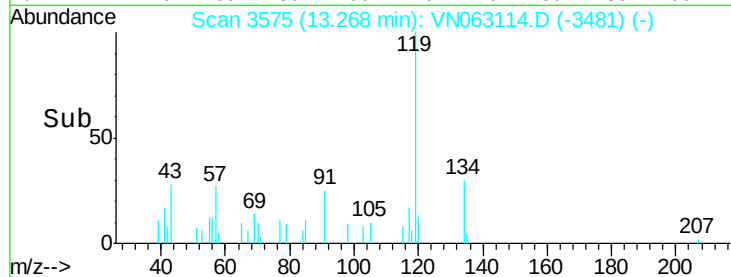
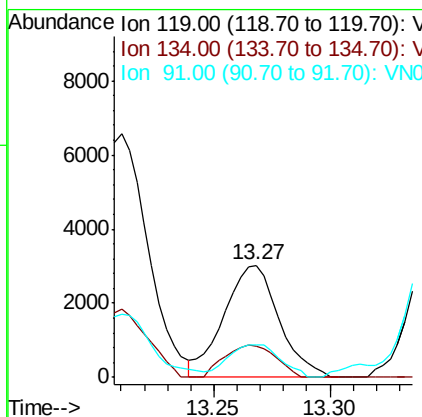
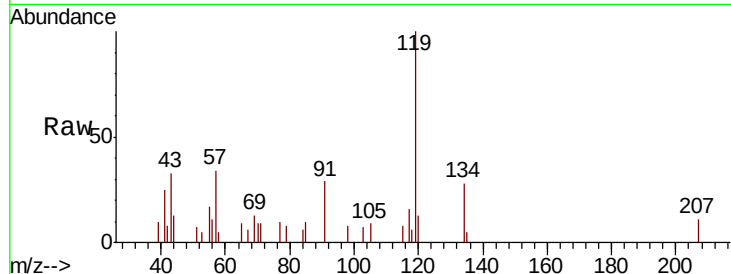




#86
 p-Isopropyltoluene
 Concen: 0.726 ug/l
 RT: 13.27 min Scan# 3575
 Delta R.T. 0.00 min
 Lab File: VN063114.D
 Acq: 25 Aug 2020 14:57

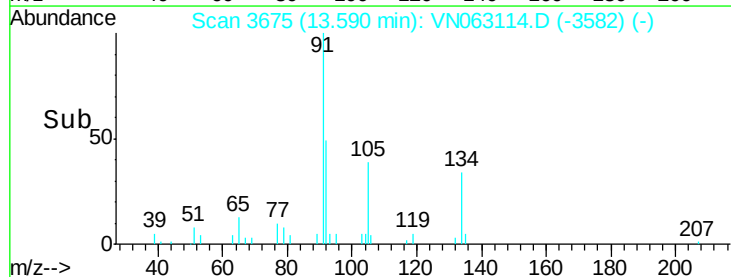
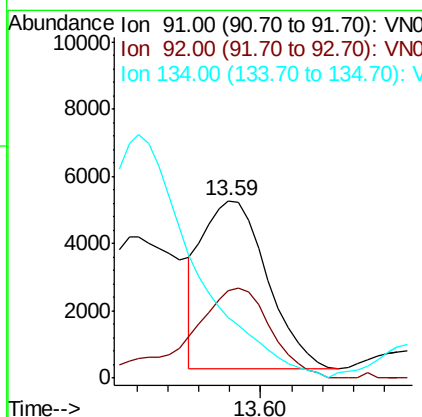
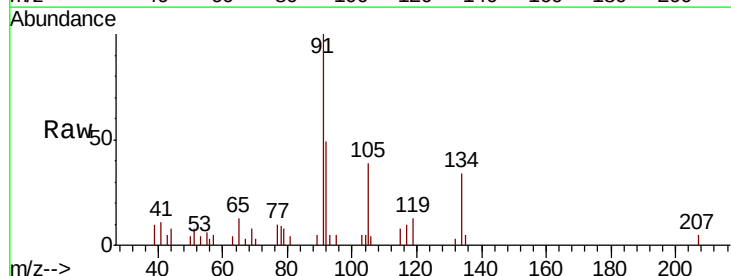
Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-1

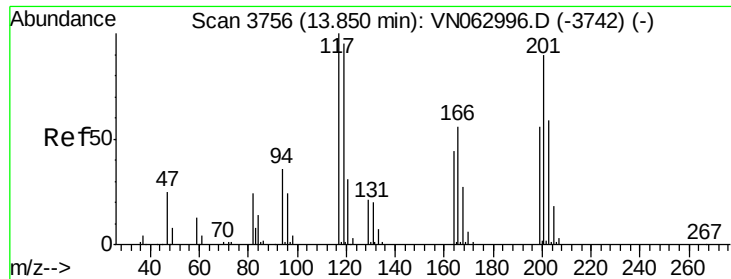
Tot Ion: 119 Resp: 5017
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 27.5 11.5 34.4



#89
 n-Butylbenzene
 Concen: 3.824 ug/l
 RT: 13.59 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN063114.D
 Acq: 25 Aug 2020 14:57

Tgt Ion: 91 Resp: 7305
 Ion Ratio Lower Upper
 91 100
 92 69.0 25.9 77.6
 134 0.0 12.4 37.0#





#90

Hexachloroethane

Concen: 2.431 ug/l

RT: 13.87 min Scan# 3761

Delta R.T. 0.02 min

Lab File: VN063114.D

Acq: 25 Aug 2020 14:57

Instrument :

MSVOA_N

ClientSampled :

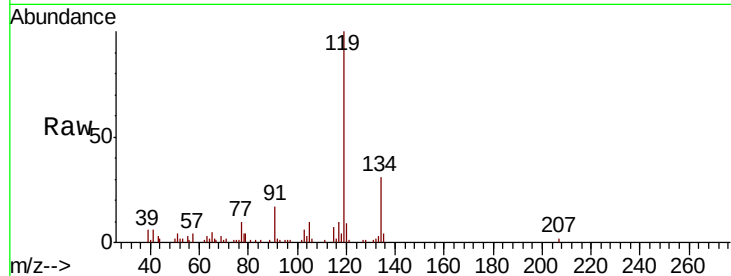
DRUM-1

Tot Ion:117 Resp: 3570

Ion Ratio Lower Upper

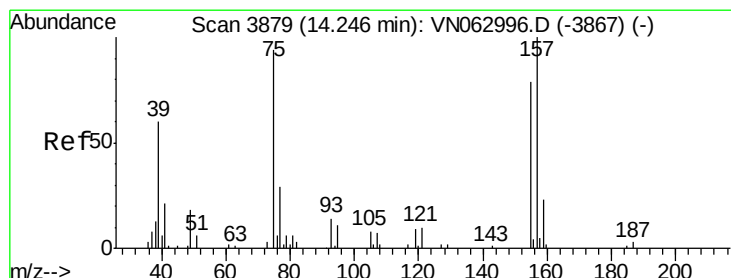
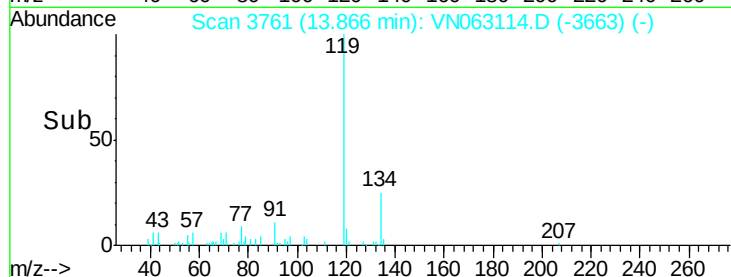
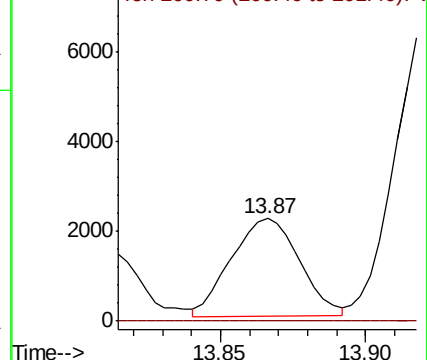
117 100

201 0.0 44.1 132.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.558 ug/l

RT: 14.22 min Scan# 3871

Delta R.T. -0.03 min

Lab File: VN063114.D

Acq: 25 Aug 2020 14:57

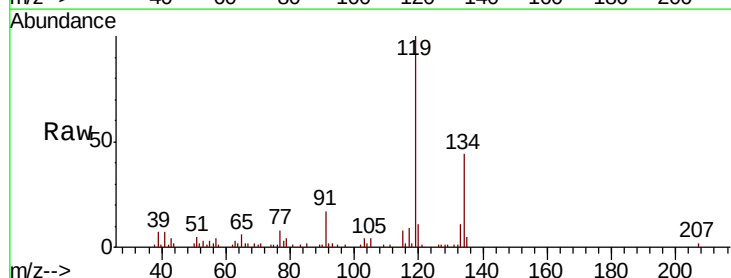
Tgt Ion: 75 Resp: 231

Ion Ratio Lower Upper

75 100

155 0.0 42.4 127.1#

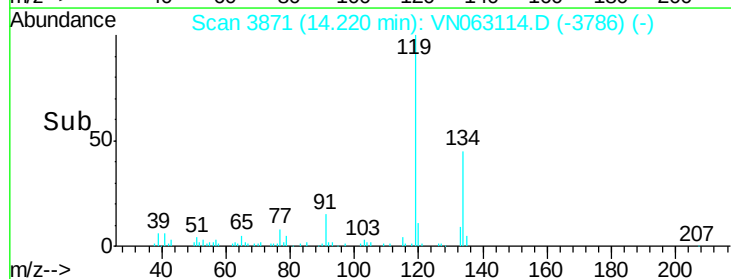
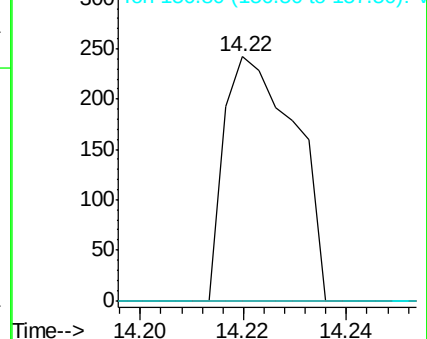
157 0.0 55.2 165.6#

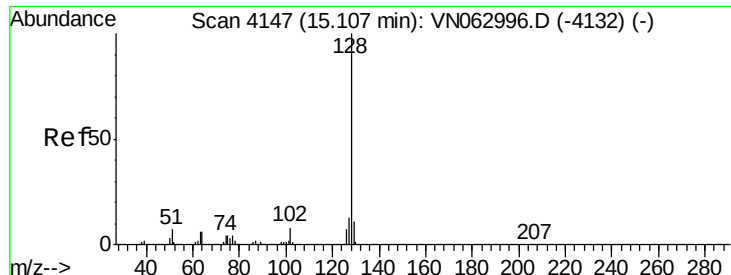


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

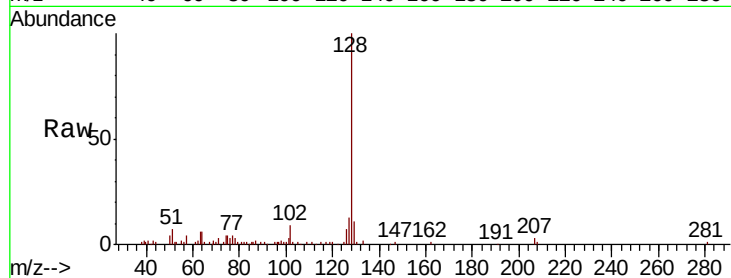




#95
Naphthalene
Concen: 18.891 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

Tot Ion:128 Resp: 71540
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.4 8.9 13.3



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

