

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063749.D
 Acq On : 30 Sep 2020 15:08
 Operator : JC/MD
 Sample : L4129-16
 Misc : 5.90µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-1

Quant Time: Oct 01 02:13:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	196604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	353086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	355534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	164323	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	156234	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	
35) Dibromofluoromethane	7.54	113	113739	46.42	ug/l	0.00
Spiked Amount			Recovery	=	92.84%	
50) Toluene-d8	10.06	98	453122	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.38	95	183791	52.64	ug/l	0.00
Spiked Amount			Recovery	=	105.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.53	94	717	0.467	ug/l #	4
10) Methyl Iodide	3.89	142	503	0.209	ug/l #	70
11) Tert butyl alcohol	4.71	59	257	0.717	ug/l #	71
13) Acrolein	3.58	56	64	0.291	ug/l #	14
15) Acrylonitrile	4.95	53	297	0.289	ug/l #	44
16) Acetone	3.79	43	4565	4.566	ug/l	93
17) Carbon Disulfide	3.98	76	8774	2.317	ug/l	98
18) Methyl Acetate	4.28	43	36098	13.905	ug/l	100
20) Methylene Chloride	4.49	84	7070	3.179	ug/l #	89
25) 2-Butanone	6.80	43	5492	3.874	ug/l #	90
29) Tetrahydrofuran	7.17	42	298	0.313	ug/l #	36
31) Cyclohexane	7.61	56	10825	2.871	ug/l #	51
36) 1,1-Dichloropropene	7.62	75	17839	4.987	ug/l #	50
38) Carbon Tetrachloride	7.62	117	23435	5.842	ug/l #	14
39) Methylcyclohexane	9.04	83	16043	4.497	ug/l	96
40) Benzene	8.00	78	104184	10.197	ug/l	98
49) 1,4-Dioxane	9.18	88	138	3.353	ug/l #	9
51) 4-Methyl-2-Pentanone	9.96	43	4685	1.362	ug/l	98
52) Toluene	10.12	92	122780	19.428	ug/l	96
55) 1,1,2-Trichloroethane	10.51	97	2794	1.102	ug/l #	14
56) Ethyl methacrylate	10.40	69	1230	0.342	ug/l #	24
59) 2-Hexanone	10.69	43	5968	2.335	ug/l #	29
67) Ethyl Benzene	11.49	91	60188	4.535	ug/l	98
68) m/p-Xylenes	11.59	106	110768	22.395	ug/l	99
69) o-Xylene	11.92	106	54958	11.888	ug/l	99
70) Styrene	11.94	104	14275	1.819	ug/l #	38
73) Isopropylbenzene	12.23	105	10482	0.875	ug/l	99
74) N-amyl acetate	12.02	43	4846	3.047	ug/l #	75
76) 1,2,3-Trichloropropane	12.38	75	103859	28.672	ug/l #	100
78) n-propylbenzene	12.57	91	23619	1.693	ug/l	99
79) 2-Chlorotoluene	12.63	91	12215	1.424	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.71	105	64903	6.455	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	103859	82.580	ug/l #	6
82) 4-Chlorotoluene	12.97	91	2670	0.300	ug/l	85

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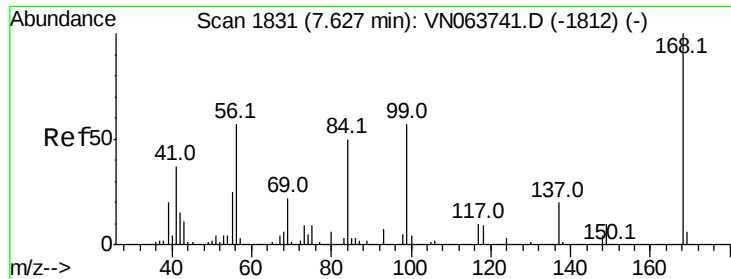
Instrument :
 MSVOA_N
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Quant Time: Oct 01 02:13:57 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

83) tert-Butylbenzene	13.21	119	10330	1.256	ug/l	69
84) 1,2,4-Trimethylbenzene	13.02	105	133603	13.308	ug/l	99
85) sec-Butylbenzene	13.15	105	7767	0.719	ug/l #	50
86) p-Isopropyltoluene	13.26	119	8551	0.895	ug/l	97
89) n-Butylbenzene	13.59	91	9803	1.111	ug/l #	74
90) Hexachloroethane	13.86	117	2143	1.157	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.24	75	340	0.396	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.88	180	2016	2.415	ug/l #	1
94) Hexachlorobutadiene	14.98	225	1678	1.240	ug/l	93
95) Naphthalene	15.10	128	966876	106.775	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	2859	2.565	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

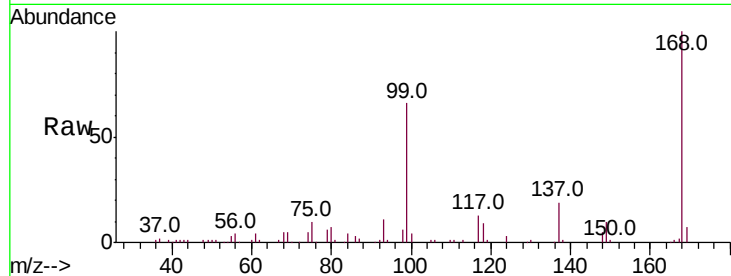
DRUM-COMP-1

Tot Ion:168 Resp: 196604

Ion Ratio Lower Upper

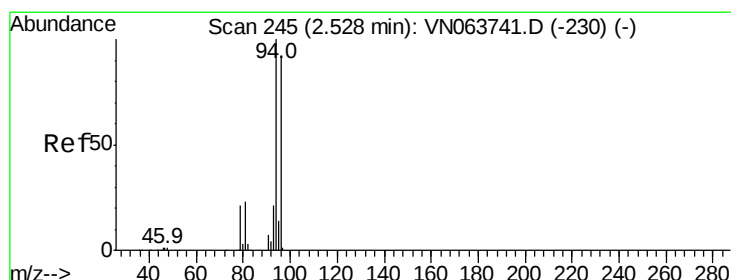
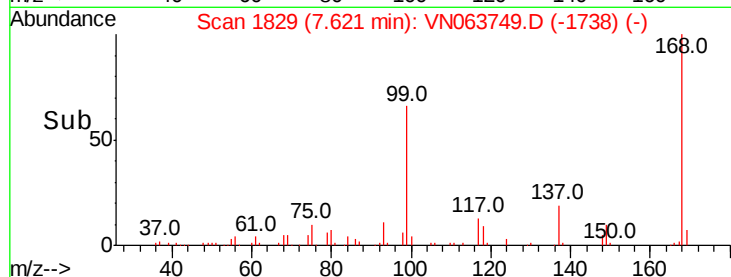
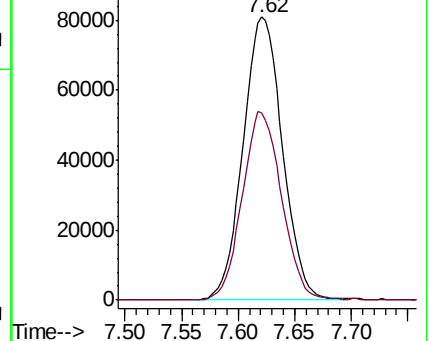
168 100

99 66.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#5

Bromomethane

Concen: 0.467 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063749.D

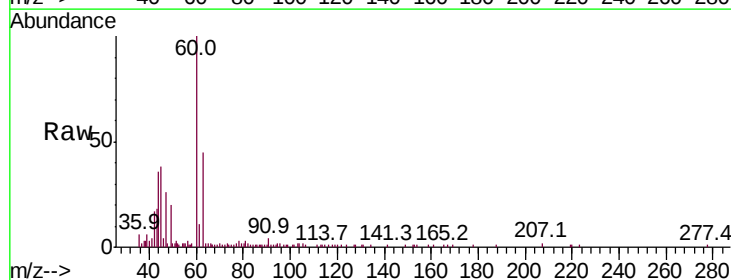
Acq: 30 Sep 2020 15:08

Tgt Ion: 94 Resp: 717

Ion Ratio Lower Upper

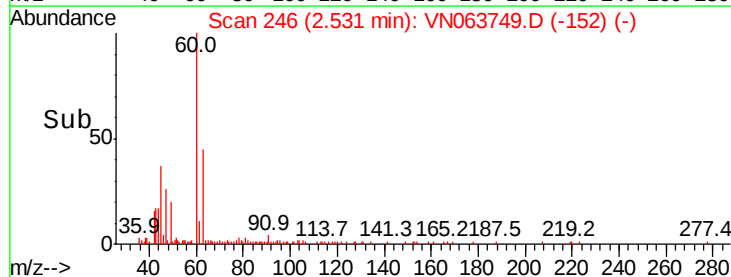
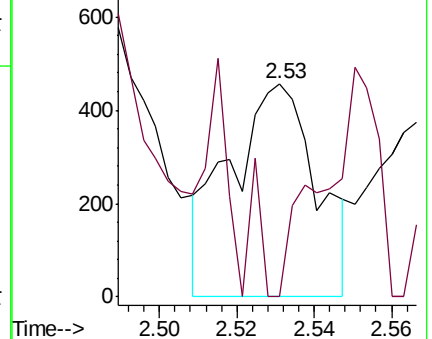
94 100

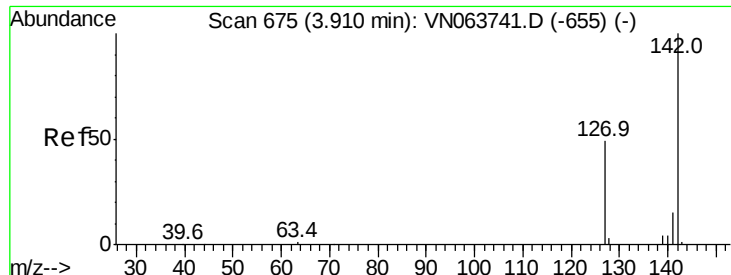
96 0.0 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

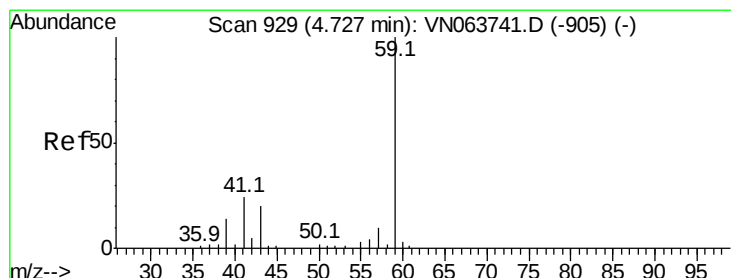
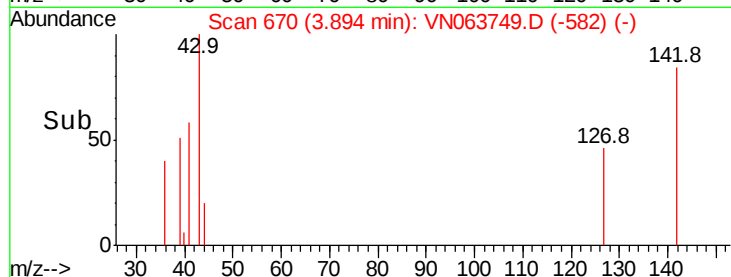
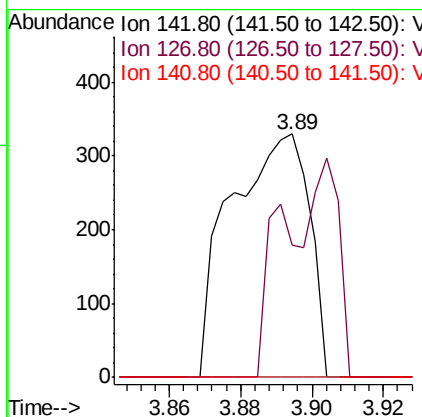
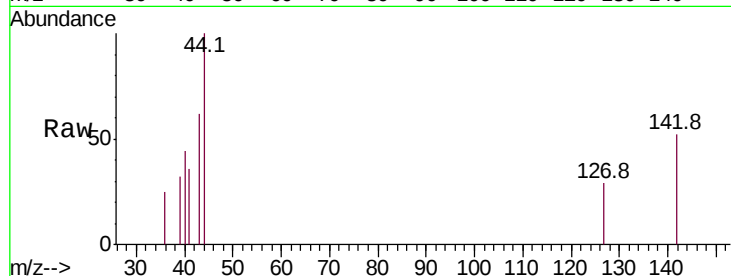




#10
Methvl Iodide
Concen: 0.209 ug/l
RT: 3.89 min Scan# 670
Delta R.T. -0.02 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

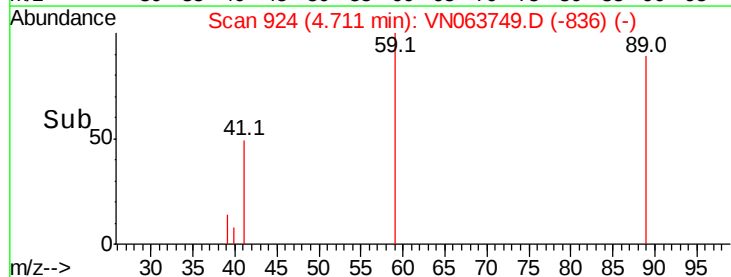
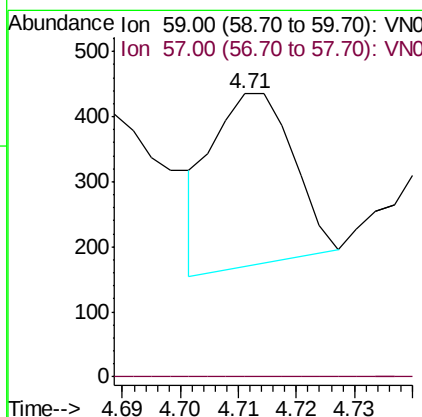
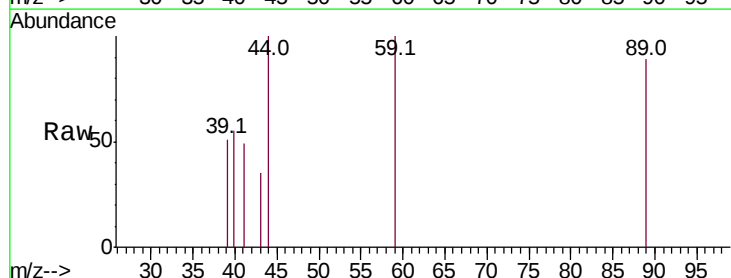
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-1

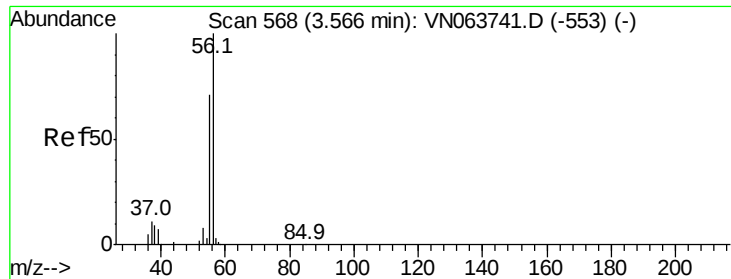
Tot Ion:142 Resp: 503
Ion Ratio Lower Upper
142 100
127 30.8 40.5 60.7#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 0.717 ug/l
RT: 4.71 min Scan# 924
Delta R.T. -0.02 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

Tgt Ion: 59 Resp: 257
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#13

Acrolein

Concen: 0.291 ug/l

RT: 3.58 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

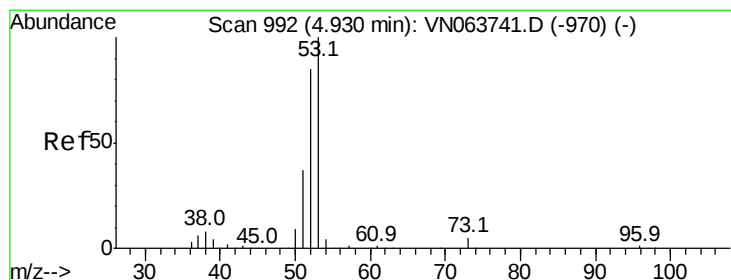
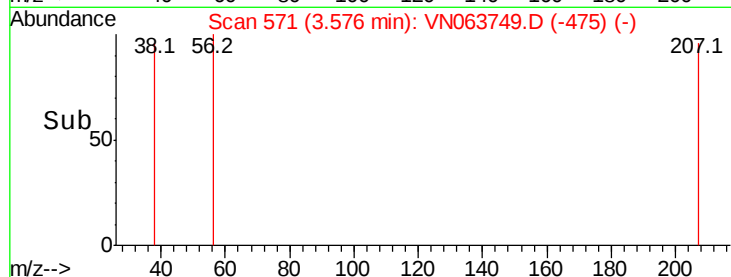
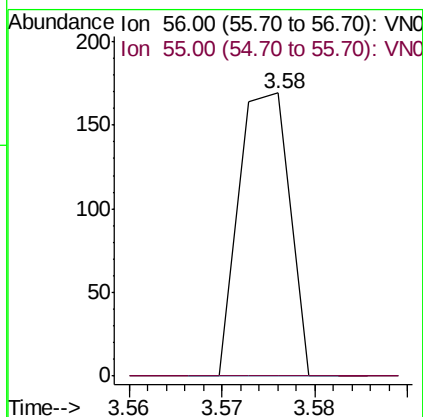
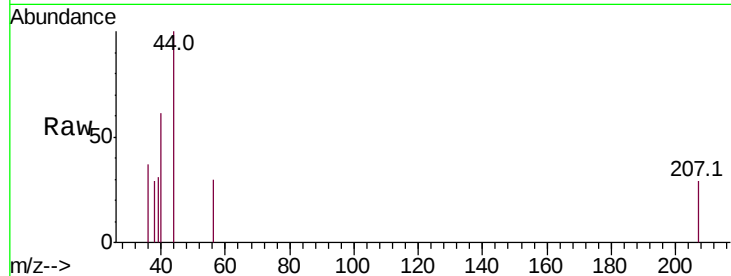
DRUM-COMP-1

Tot Ion: 56 Resp: 64

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



#15

Acrylonitrile

Concen: 0.289 ug/l

RT: 4.95 min Scan# 998

Delta R.T. 0.02 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

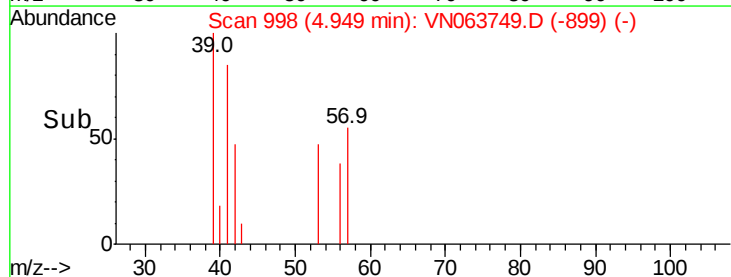
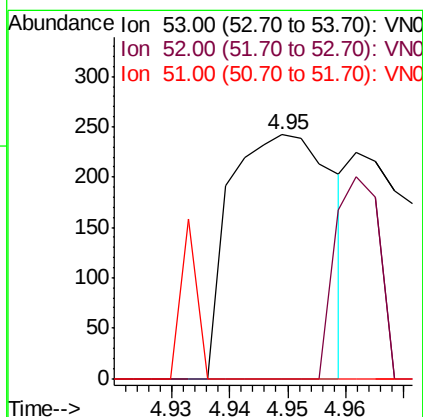
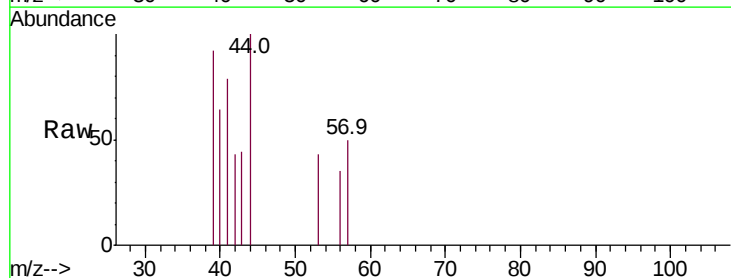
Tgt Ion: 53 Resp: 297

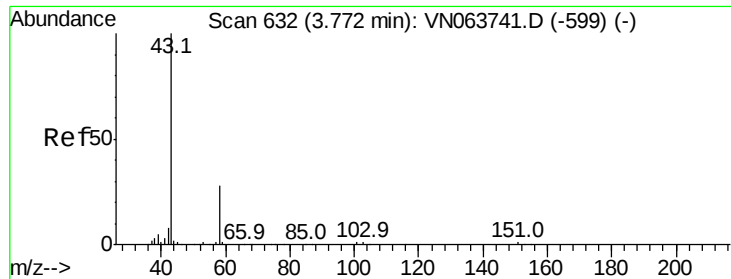
Ion Ratio Lower Upper

53 100

52 35.7 66.5 99.7#

51 0.0 29.9 44.9#





#16

Acetone

Concen: 4.566 ug/l

RT: 3.79 min Scan# 639

Delta R.T. 0.02 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

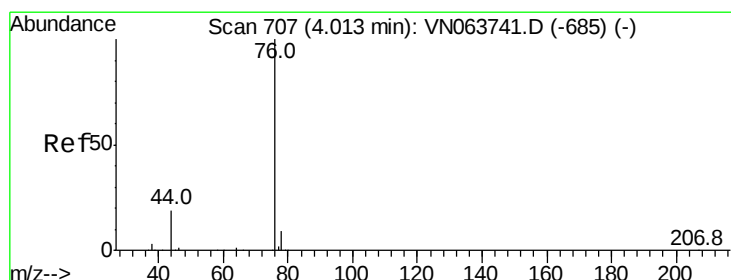
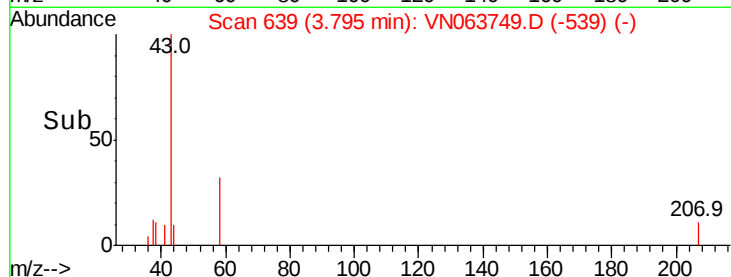
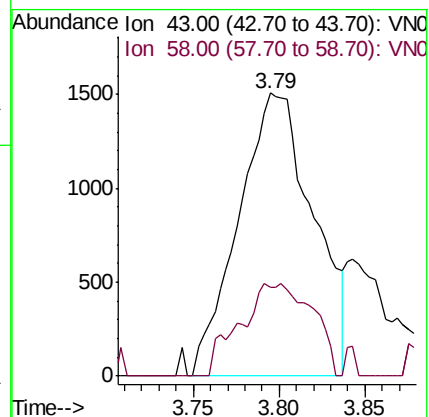
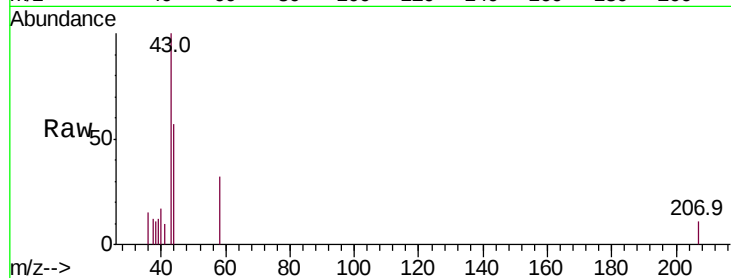
DRUM-COMP-1

Tot Ion: 43 Resp: 4565

Ion Ratio Lower Upper

43 100

58 31.6 22.3 33.5



#17

Carbon Disulfide

Concen: 2.317 ug/l

RT: 3.98 min Scan# 697

Delta R.T. -0.03 min

Lab File: VN063749.D

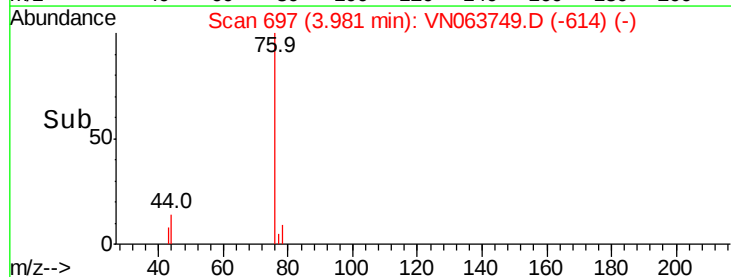
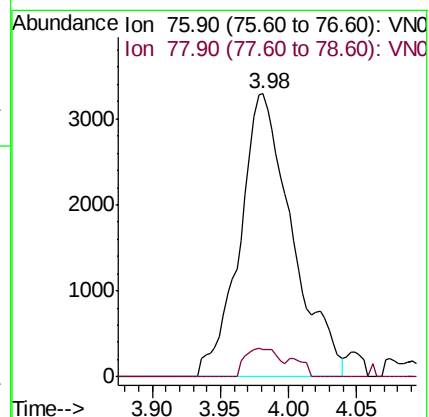
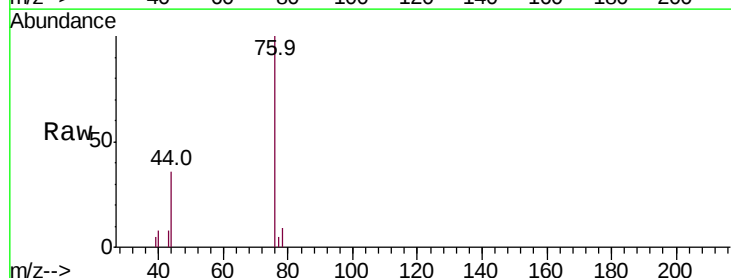
Acq: 30 Sep 2020 15:08

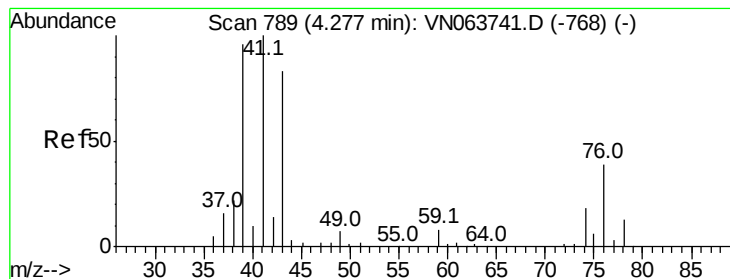
Tgt Ion: 76 Resp: 8774

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.4





#18

Methyl Acetate

Concen: 13.905 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampled :

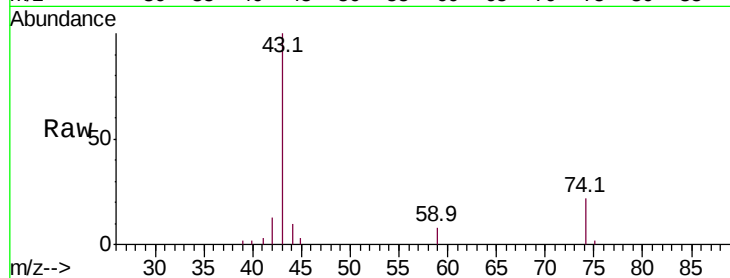
DRUM-COMP-1

Tot Ion: 43 Resp: 36098

Ion Ratio Lower Upper

43 100

74 21.9 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN063749.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN063749.D (-696) (-)

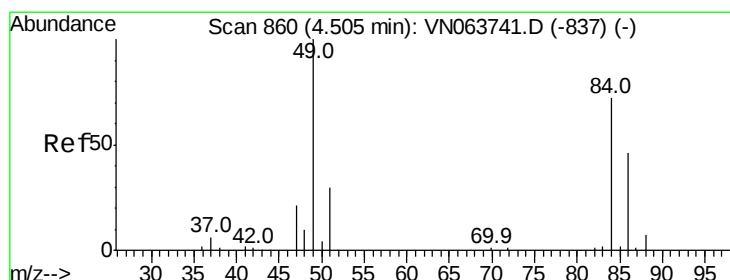
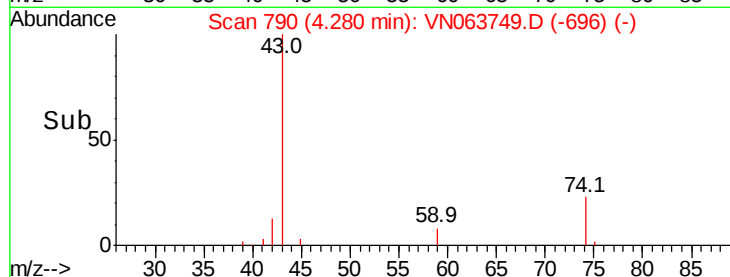
4.28

10000

5000

0

Time-->



#20

Methylene Chloride

Concen: 3.179 ug/l

RT: 4.49 min Scan# 855

Delta R.T. -0.02 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Tgt Ion: 84 Resp: 7070

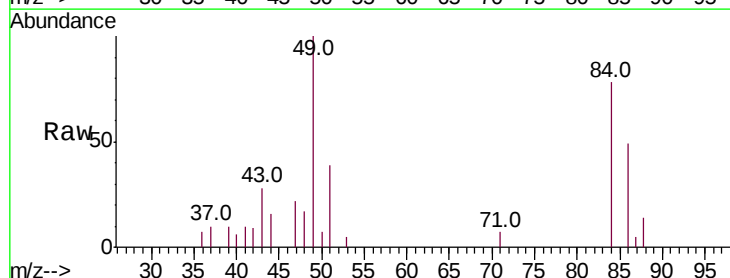
Ion Ratio Lower Upper

84 100

49 119.6 110.4 165.6

51 50.1 33.3 49.9#

86 63.1 50.7 76.1



Abundance Ion 83.90 (83.60 to 84.60): VN063749.D (-767) (-)

Ion 48.90 (48.60 to 49.60): VN063749.D (-767) (-)

Ion 50.90 (50.60 to 51.60): VN063749.D (-767) (-)

Ion 85.90 (85.60 to 86.60): VN063749.D (-767) (-)

4.49

5000

4000

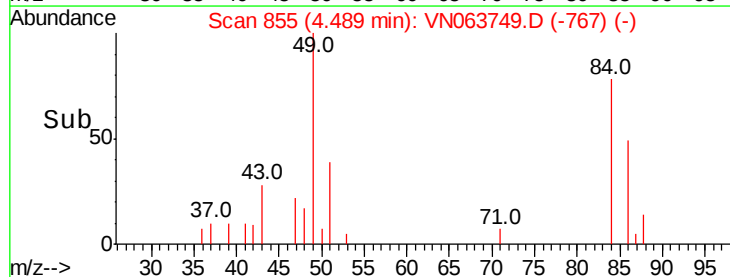
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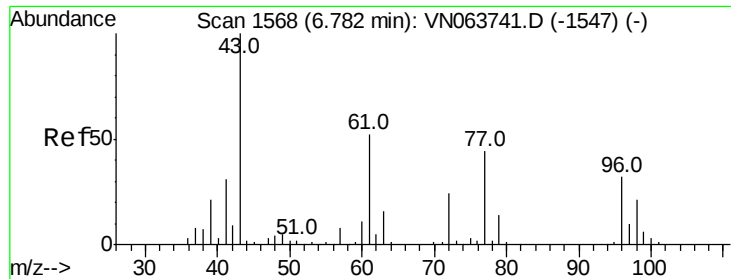
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1000

0

Time-->

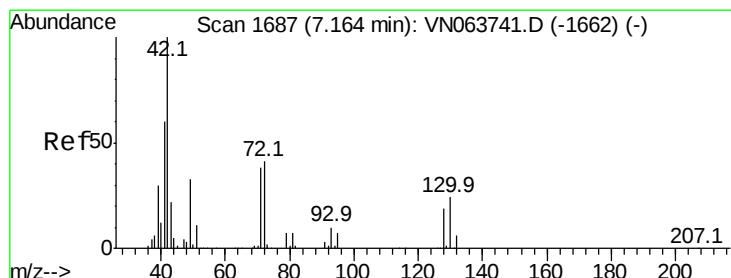
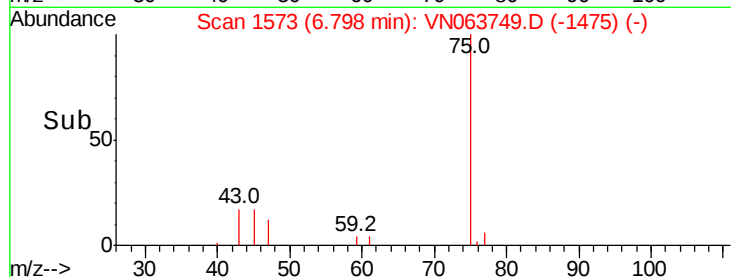
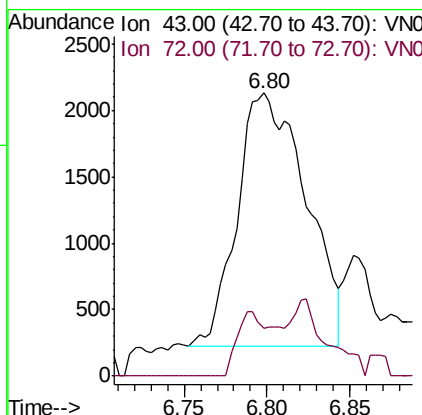
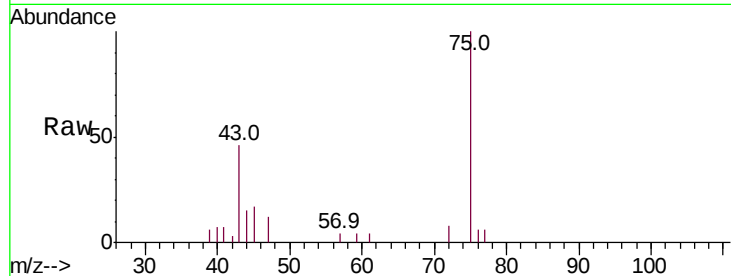




#25
2-Butanone
Concen: 3.874 ug/l
RT: 6.80 min Scan# 1573
Delta R.T. 0.02 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

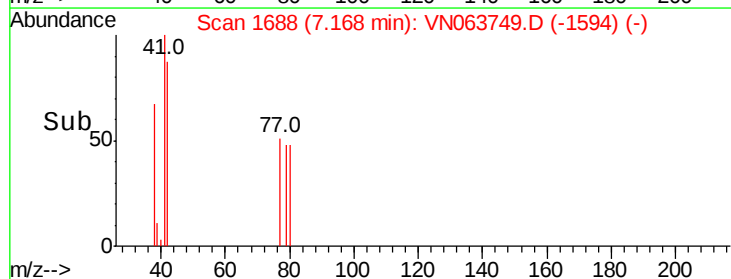
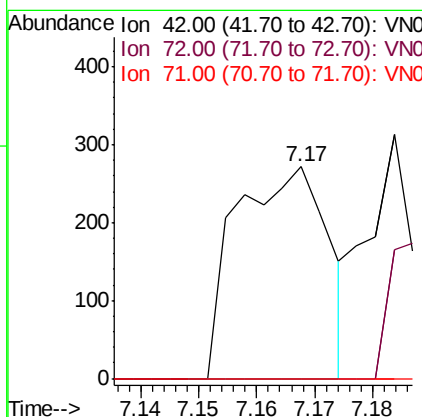
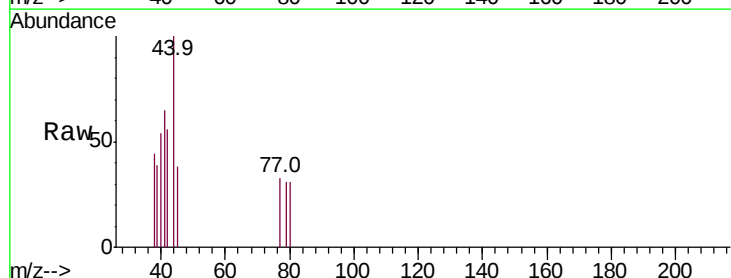
Instrument :
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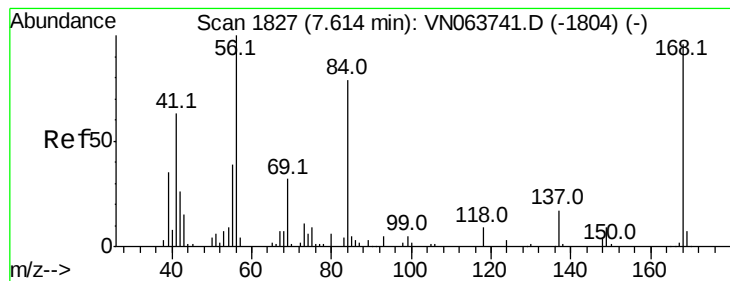
Tot Ion: 43 Resp: 5492
Ion Ratio Lower Upper
43 100
72 19.0 19.3 28.9#



#29
Tetrahydrofuran
Concen: 0.313 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

Tgt Ion: 42 Resp: 298
Ion Ratio Lower Upper
42 100
72 0.0 32.8 49.2#
71 0.0 30.6 45.8#





#31

Cyclohexane

Concen: 2.871 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-1

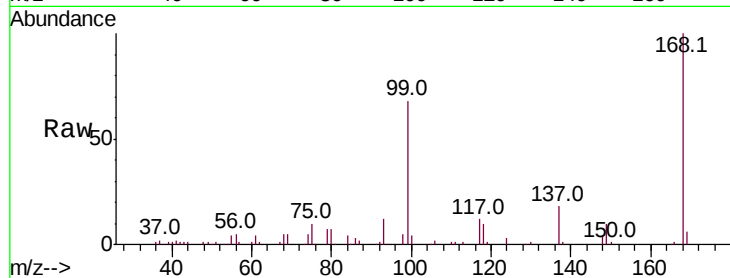
Tot Ion: 56 Resp: 10825

Ion Ratio Lower Upper

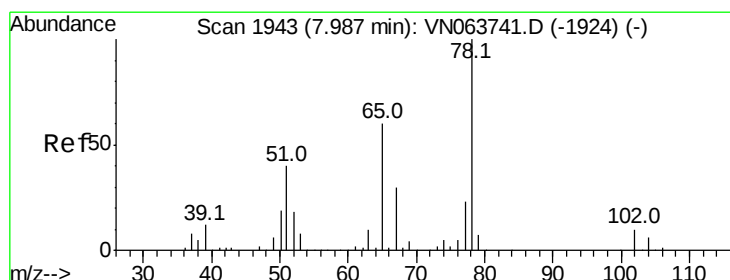
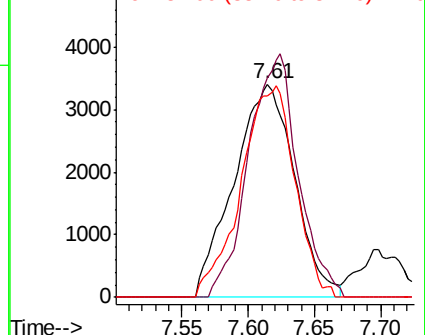
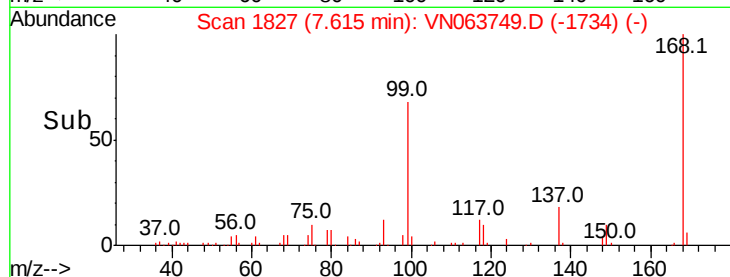
56 100

69 103.1 25.4 38.2#

84 94.7 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN063749.D (-1734) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.101 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN063749.D

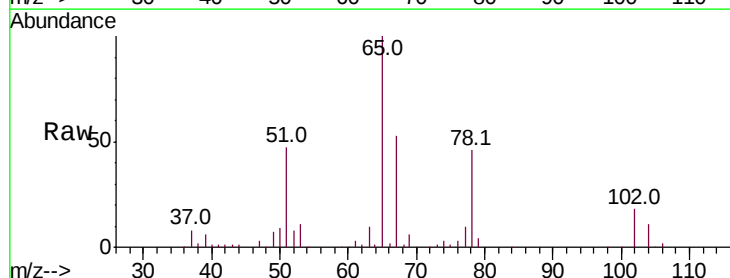
Acq: 30 Sep 2020 15:08

Tgt Ion: 65 Resp: 156234

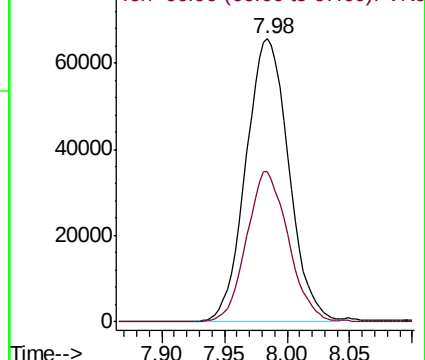
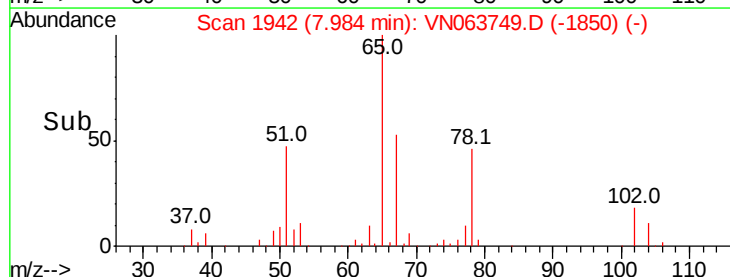
Ion Ratio Lower Upper

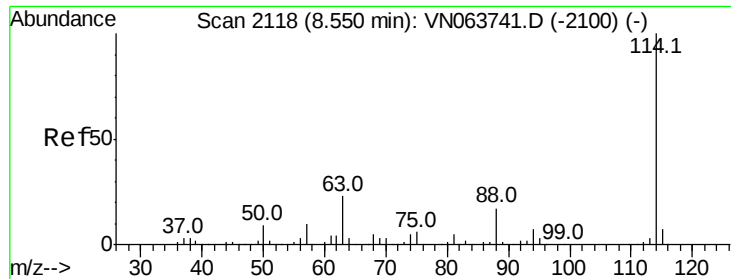
65 100

67 51.9 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN063749.D (-1850) (-)

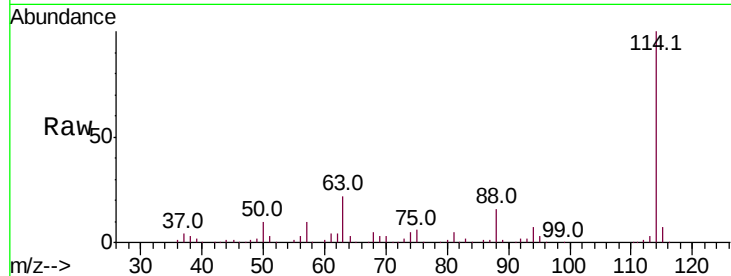




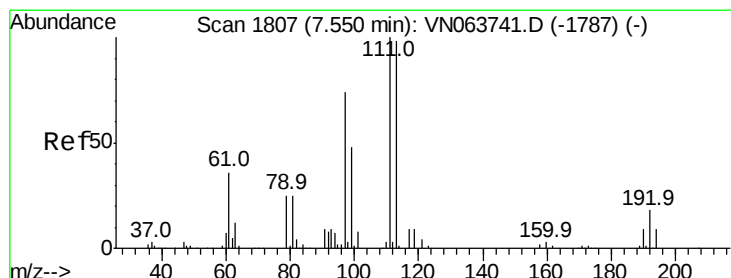
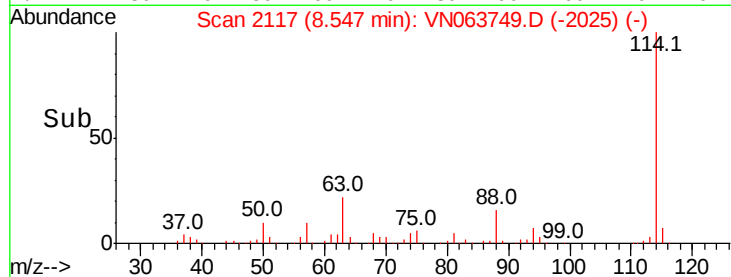
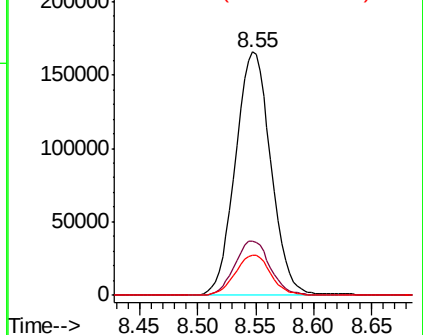
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063749.D
 Acq: 30 Sep 2020 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-1

Tot Ion:114 Resp: 353086
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.0
 88 16.4 0.0 34.0

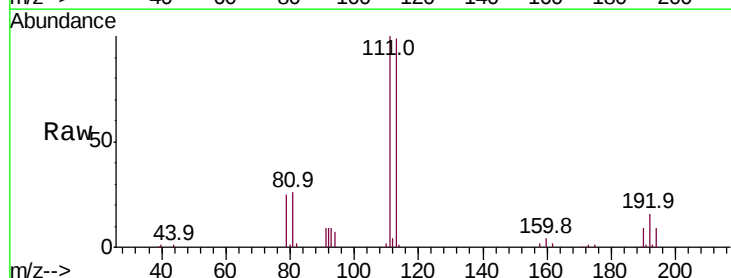


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

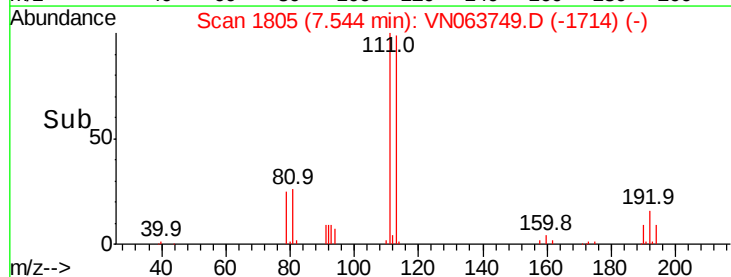
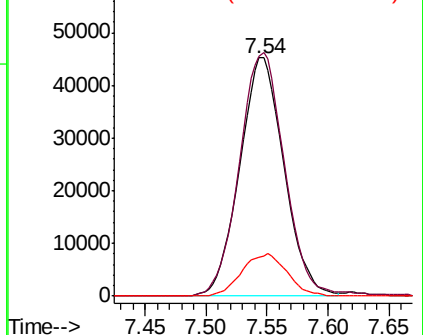


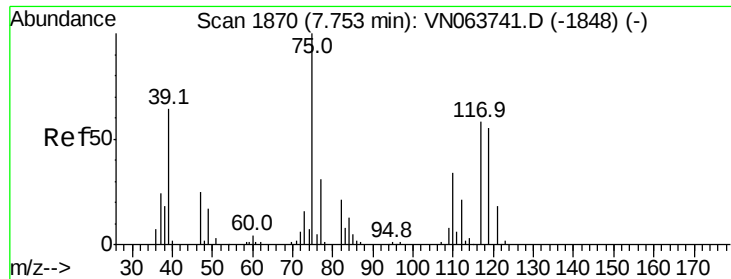
#35
 Dibromofluoromethane
 Concen: 46.424 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: VN063749.D
 Acq: 30 Sep 2020 15:08

Tgt Ion:113 Resp: 113739
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.8 122.8
 192 18.0 14.2 21.2



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

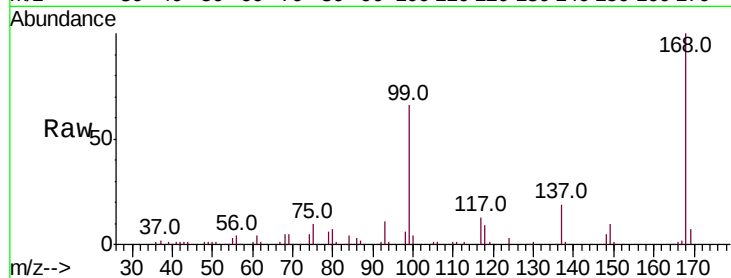




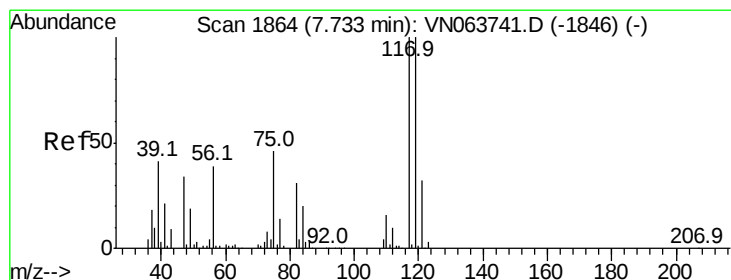
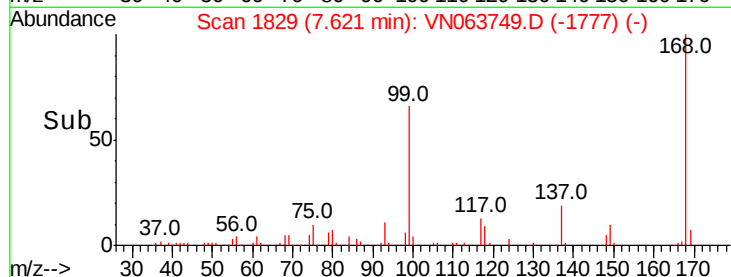
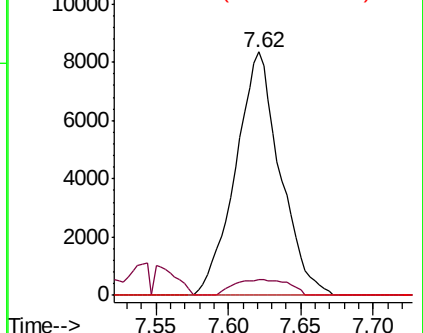
#36
 1,1-Dichloropropene
 Concen: 4.987 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN063749.D
 Acq: 30 Sep 2020 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-1

Tot Ion: 75 Resp: 17839
 Ion Ratio Lower Upper
 75 100
 110 8.0 16.9 50.6#
 77 0.0 24.5 36.7#

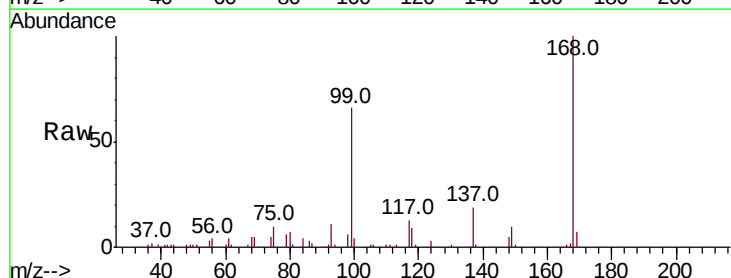


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

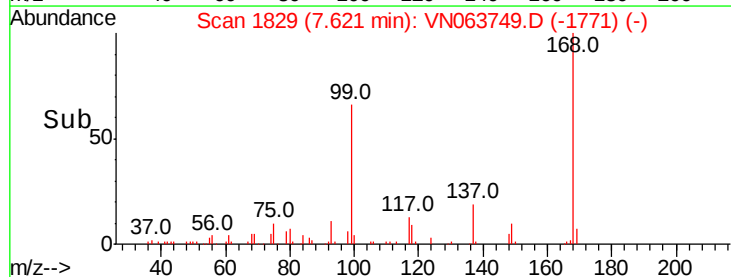
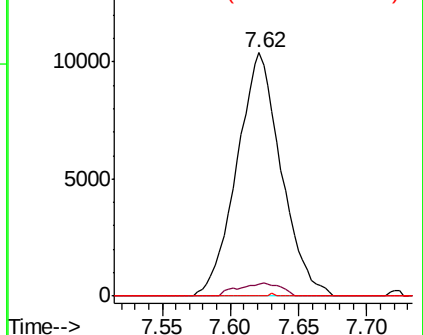


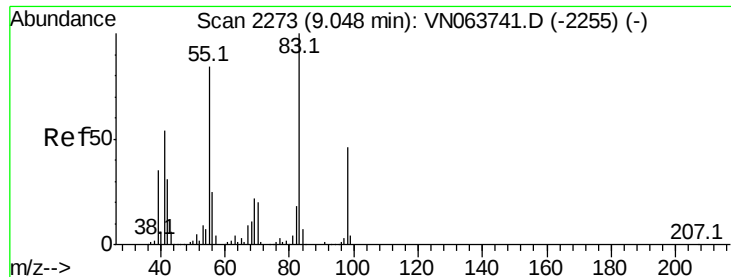
#38
 Carbon Tetrachloride
 Concen: 5.842 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.11 min
 Lab File: VN063749.D
 Acq: 30 Sep 2020 15:08

Tgt Ion: 117 Resp: 23435
 Ion Ratio Lower Upper
 117 100
 119 5.1 80.1 120.1#
 121 0.0 25.7 38.5#



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

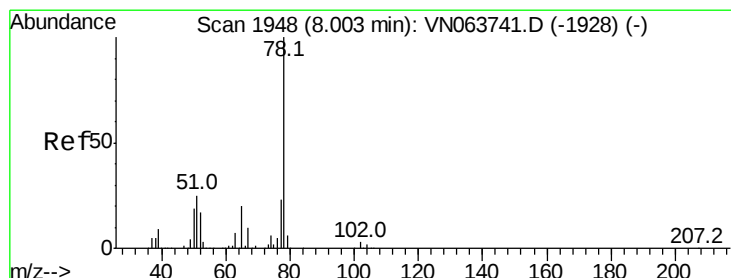
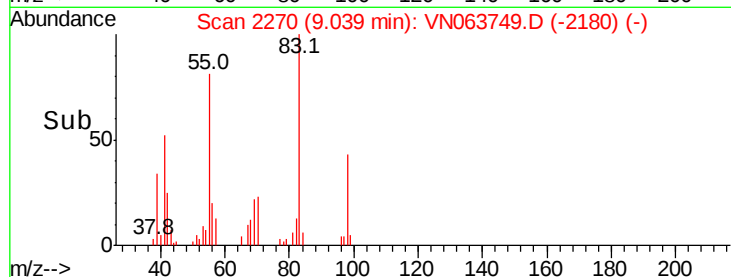
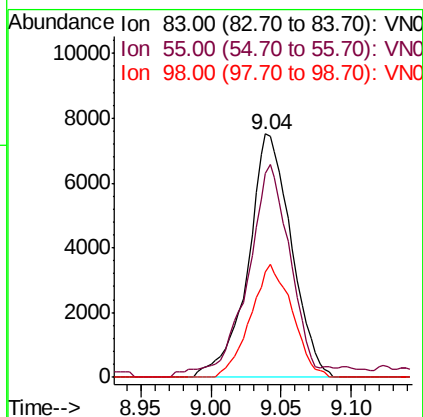
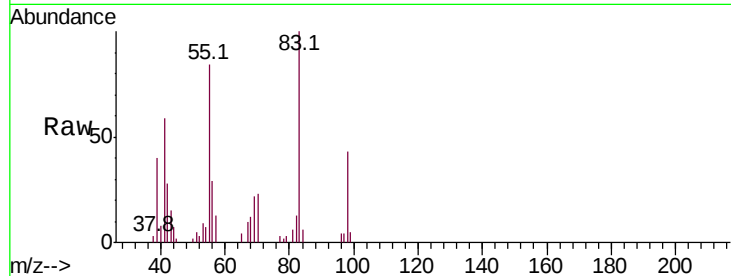




#39
Methvlcvclohexane
Concen: 4.497 ug/l
RT: 9.04 min Scan# 2270
Delta R.T. -0.01 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

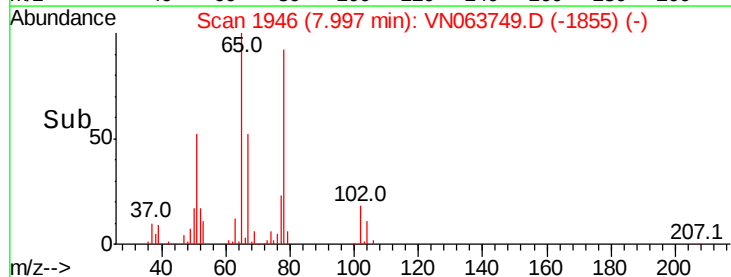
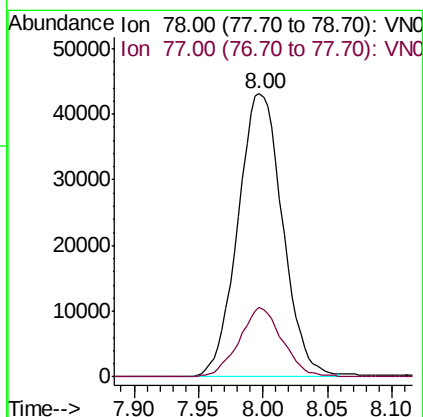
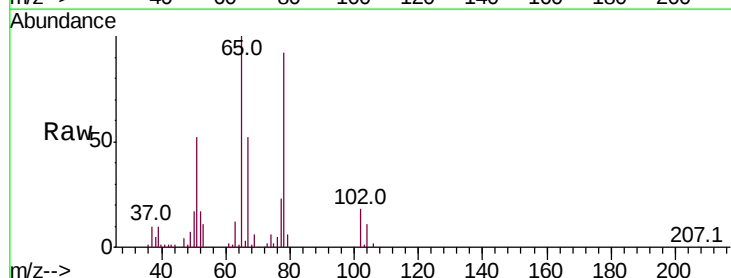
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-1

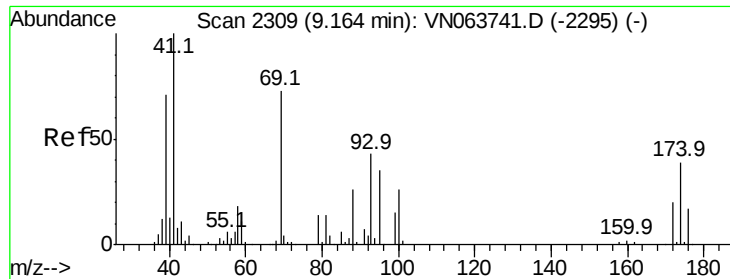
Tot Ion: 83 Resp: 16043
Ion Ratio Lower Upper
83 100
55 80.5 67.1 100.7
98 43.4 36.6 54.8



#40
Benzene
Concen: 10.197 ug/l
RT: 8.00 min Scan# 1946
Delta R.T. -0.01 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

Tgt Ion: 78 Resp: 104184
Ion Ratio Lower Upper
78 100
77 24.4 18.7 28.1





#49

1,4-Dioxane

Concen: 3.353 ug/l

RT: 9.18 min Scan# 2315

Delta R.T. 0.02 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-1

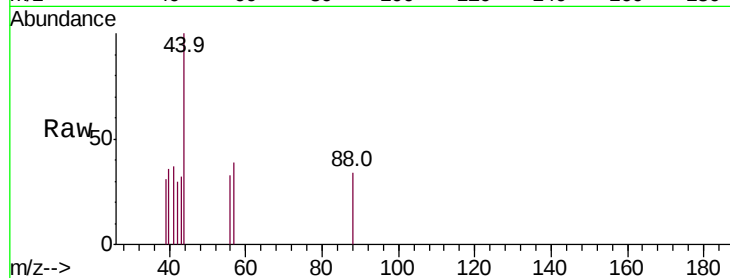
Tot Ion: 88 Resp: 138

Ion Ratio Lower Upper

88 100

43 124.6 33.1 49.7#

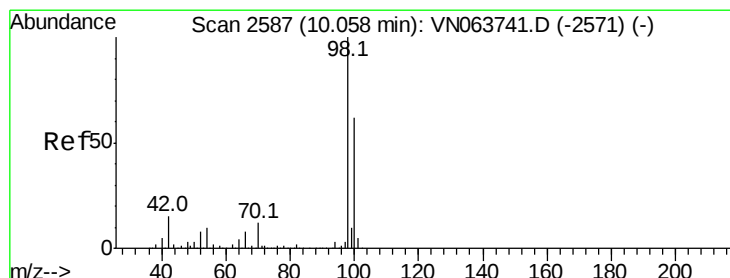
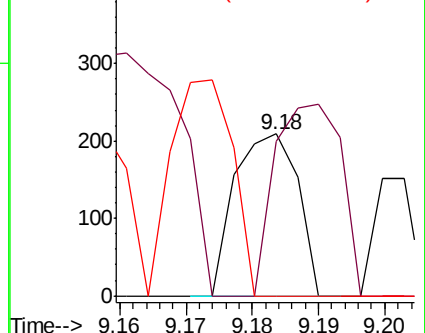
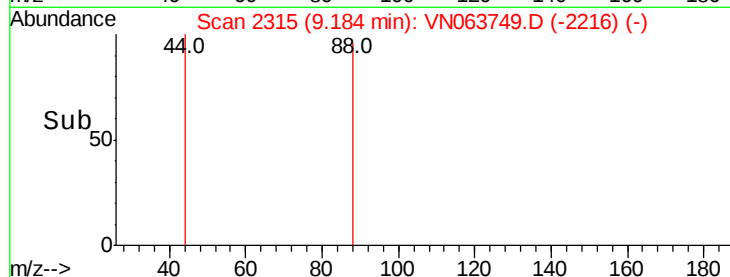
58 130.4 58.9 88.3#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.788 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063749.D

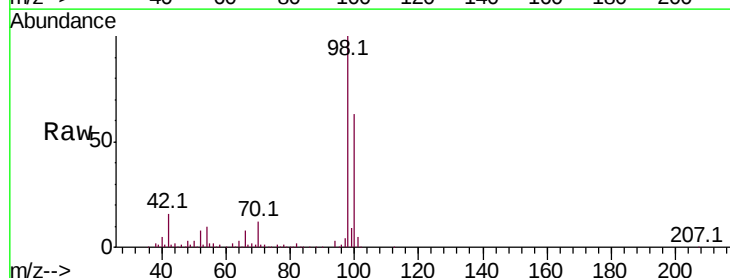
Acq: 30 Sep 2020 15:08

Tgt Ion: 98 Resp: 453122

Ion Ratio Lower Upper

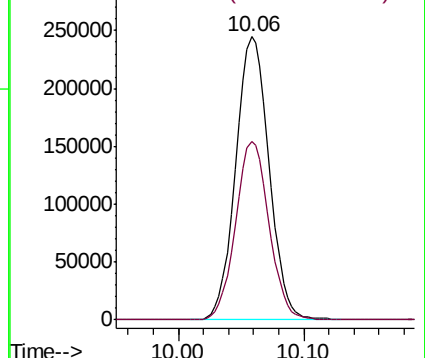
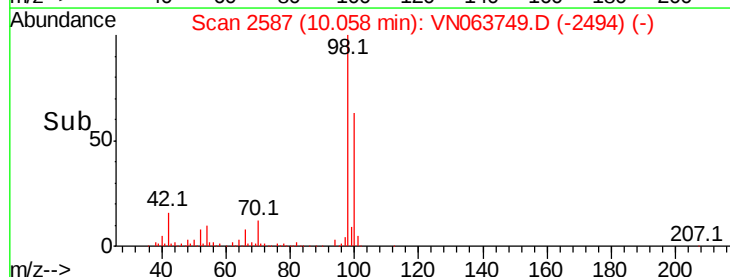
98 100

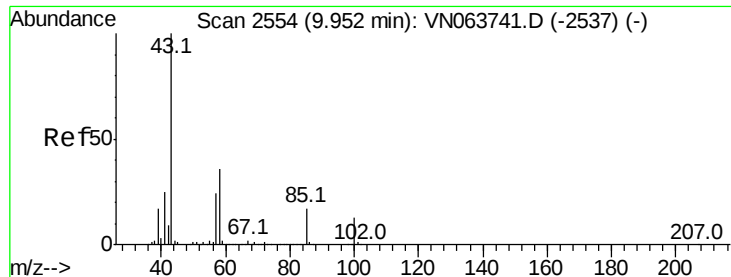
100 63.0 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.362 ug/l

RT: 9.96 min Scan# 2557

Delta R.T. 0.01 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

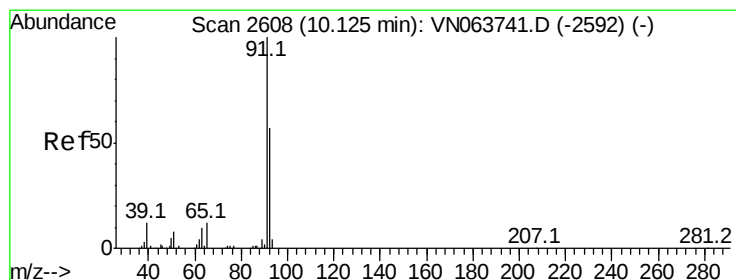
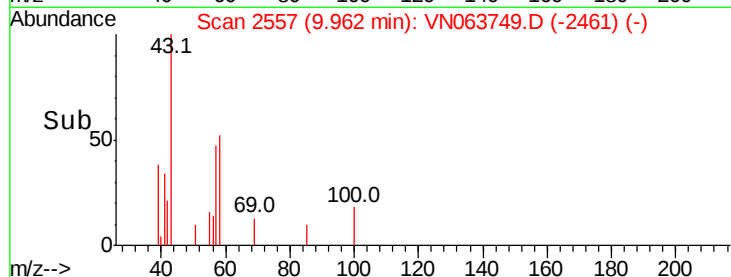
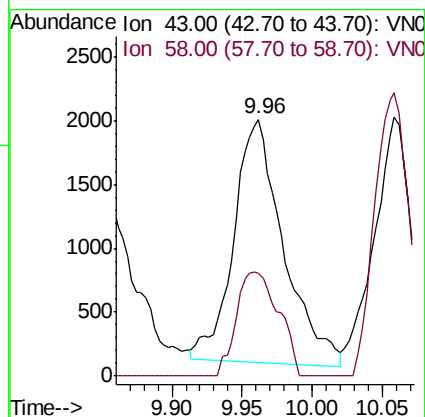
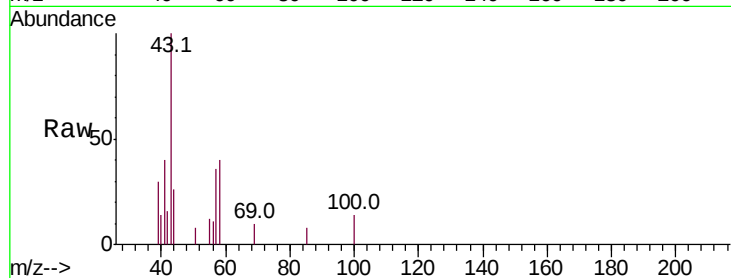
DRUM-COMP-1

Tot Ion: 43 Resp: 4685

Ion Ratio Lower Upper

43 100

58 36.4 28.4 42.6



#52

Toluene

Concen: 19.428 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063749.D

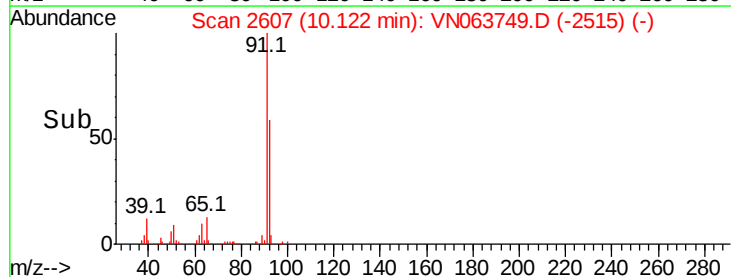
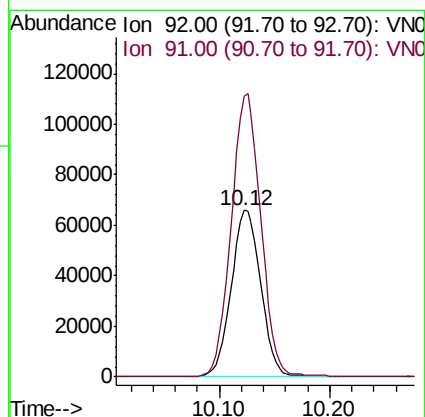
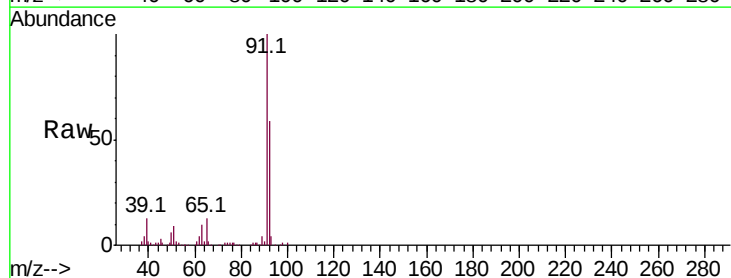
Acq: 30 Sep 2020 15:08

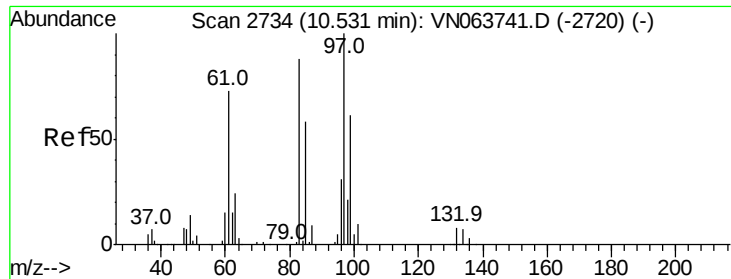
Tgt Ion: 92 Resp: 122780

Ion Ratio Lower Upper

92 100

91 170.3 140.6 210.8





#55

1,1,2-Trichloroethane

Concen: 1.102 ug/l

RT: 10.51 min Scan# 2726

Delta R.T. -0.03 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-1

Tot Ion: 97 Resp: 2794

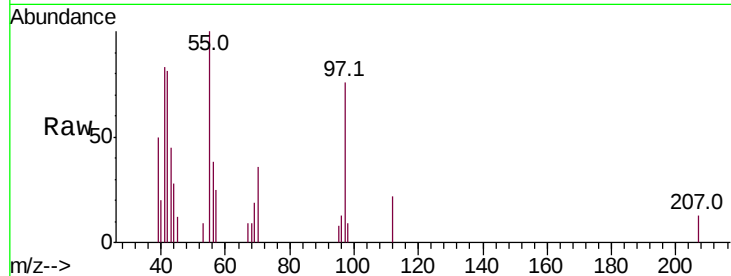
Ion Ratio Lower Upper

97 100

83 0.0 70.7 106.1#

85 0.0 46.1 69.1#

99 0.0 48.8 73.2#

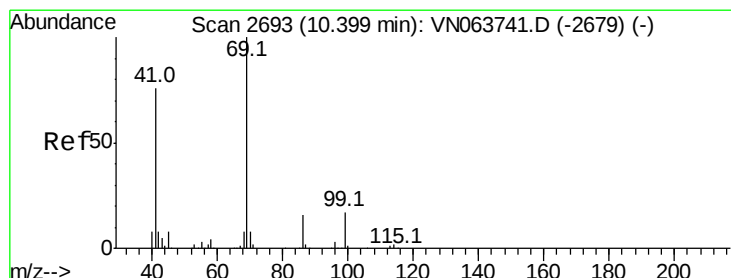
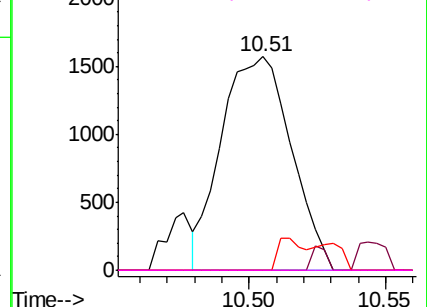
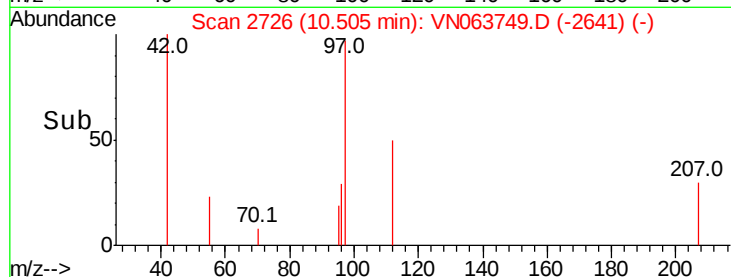


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 0.342 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

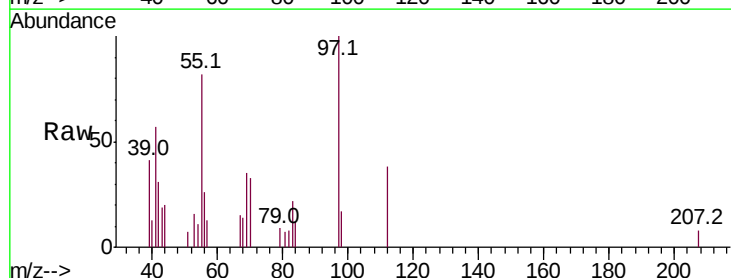
Tgt Ion: 69 Resp: 1230

Ion Ratio Lower Upper

69 100

41 142.4 61.1 91.7#

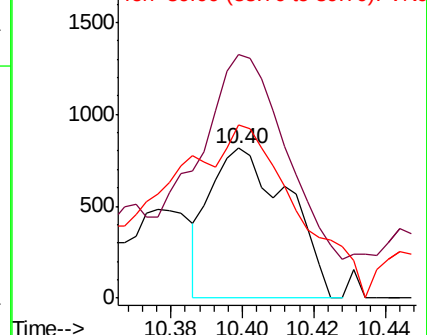
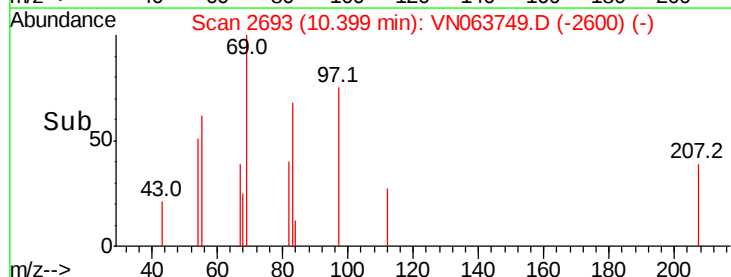
39 106.6 42.2 63.4#

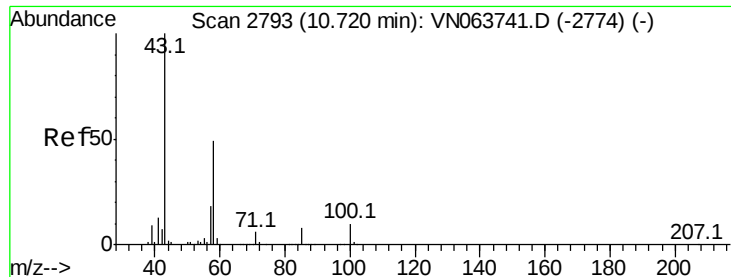


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#59

2-Hexanone

Concen: 2.335 ug/l

RT: 10.69 min Scan# 2784

Delta R.T. -0.03 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

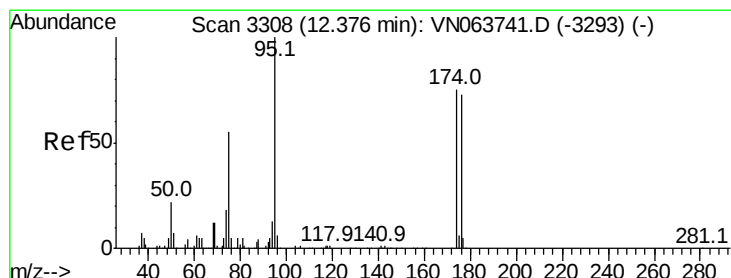
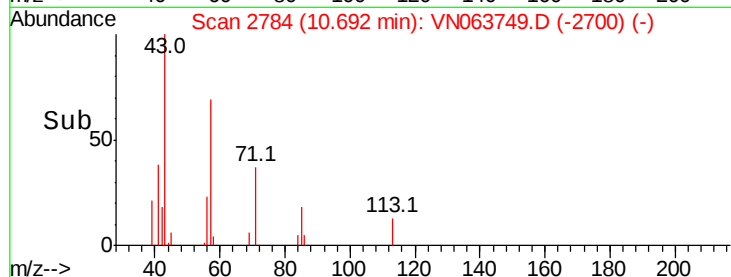
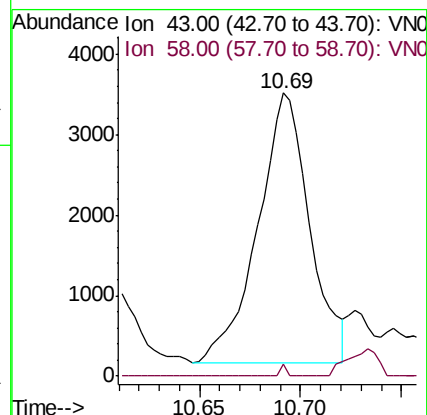
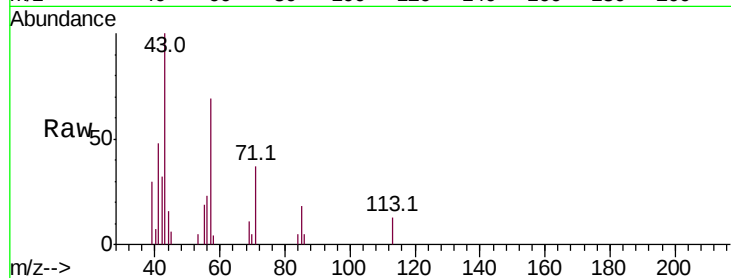
DRUM-COMP-1

Tot Ion: 43 Resp: 5968

Ion Ratio Lower Upper

43 100

58 0.5 24.6 73.8#



#62

4-Bromofluorobenzene

Concen: 52.642 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

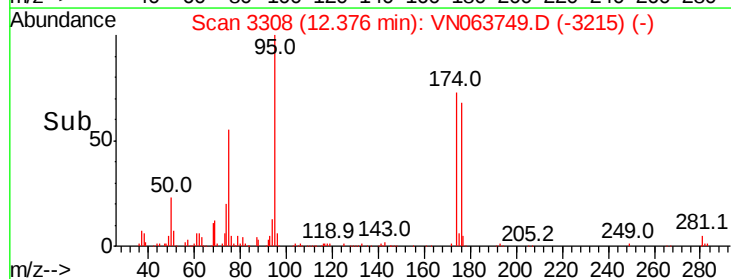
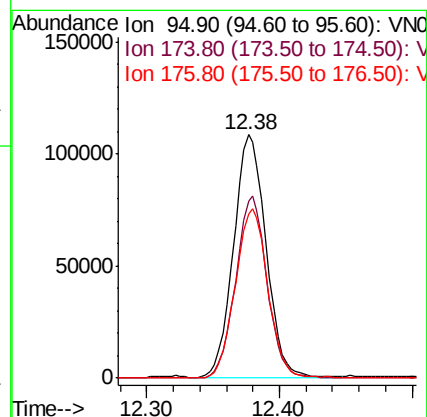
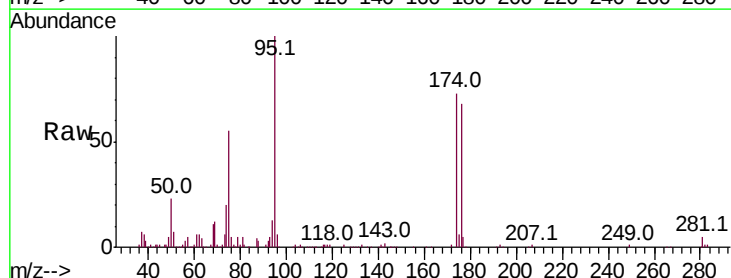
Tgt Ion: 95 Resp: 183791

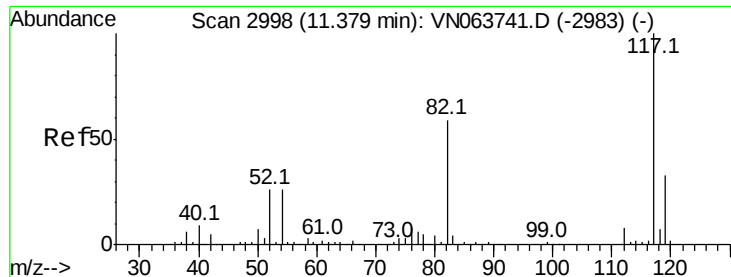
Ion Ratio Lower Upper

95 100

174 72.2 0.0 150.6

176 70.2 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2999

Delta R.T. 0.00 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-1

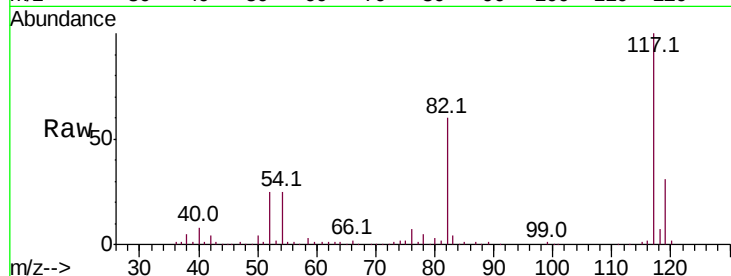
Tot Ion:117 Resp: 355534

Ion Ratio Lower Upper

117 100

82 59.8 47.4 71.2

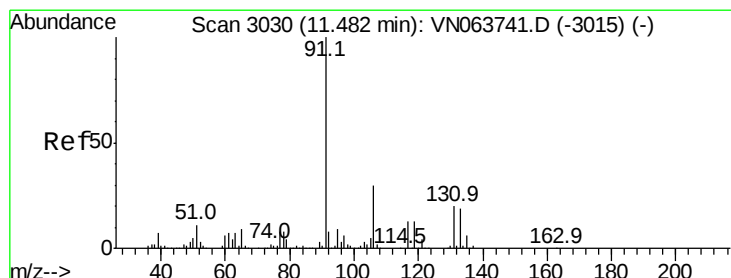
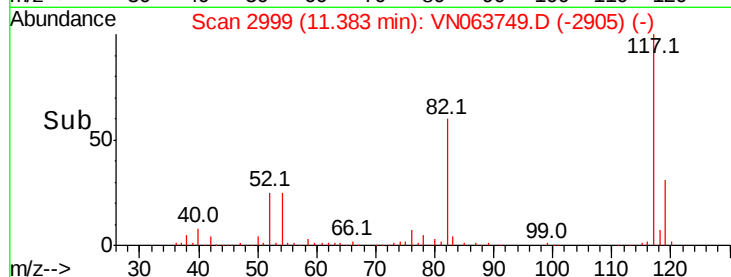
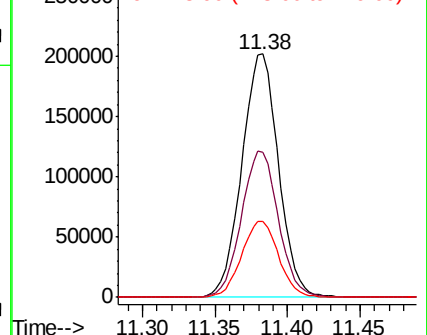
119 31.1 26.4 39.6



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: 4.535 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063749.D

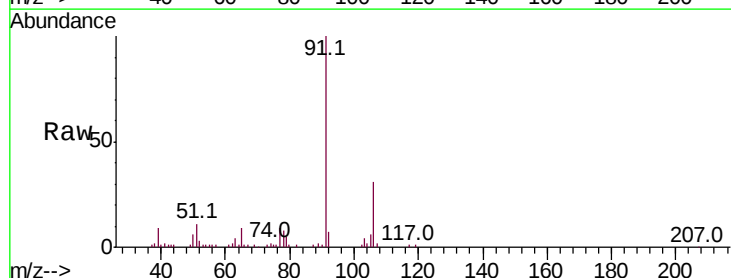
Acq: 30 Sep 2020 15:08

Tgt Ion: 91 Resp: 60188

Ion Ratio Lower Upper

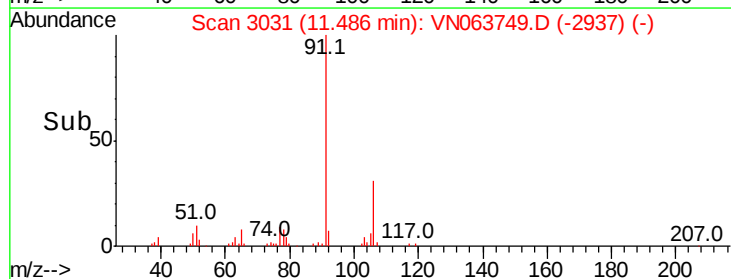
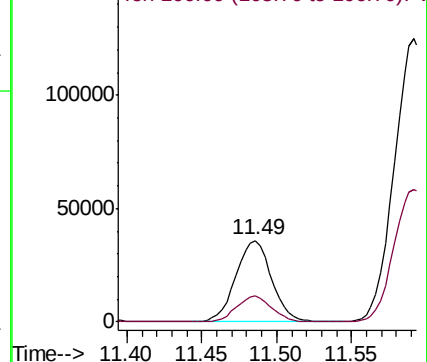
91 100

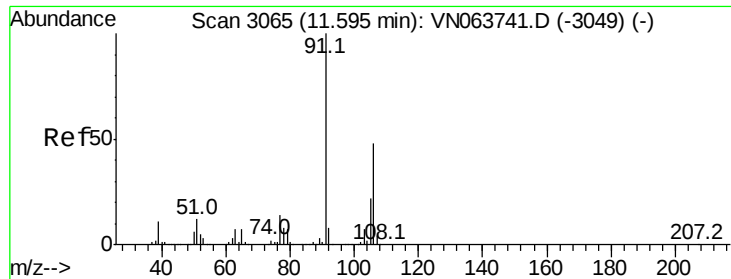
106 31.4 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

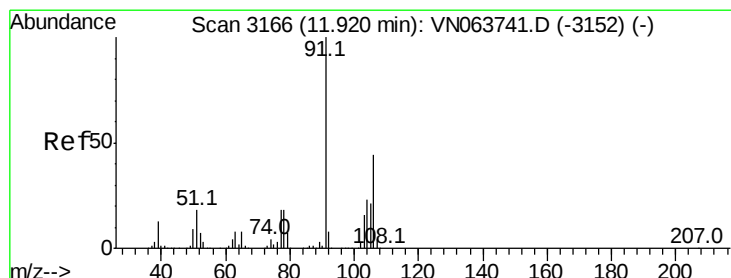
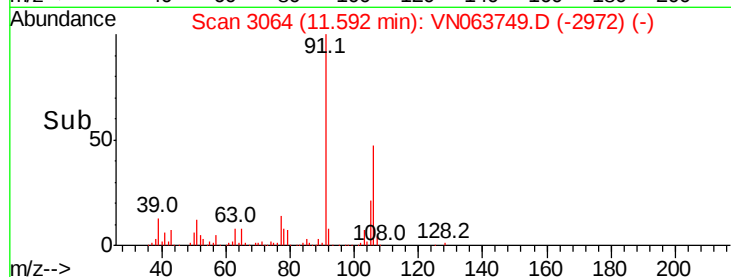
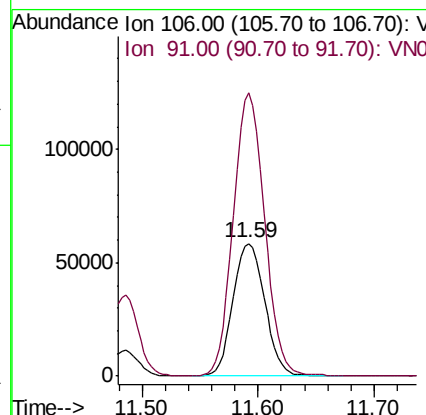
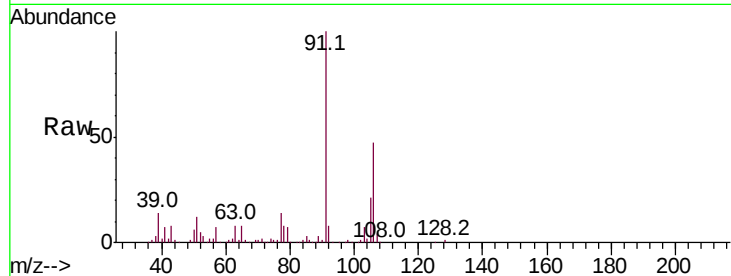




#68
m/p-Xylenes
Concen: 22.395 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

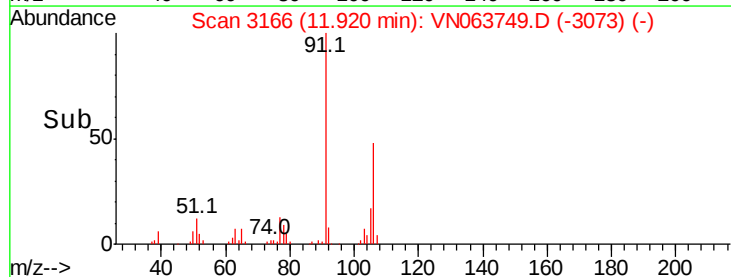
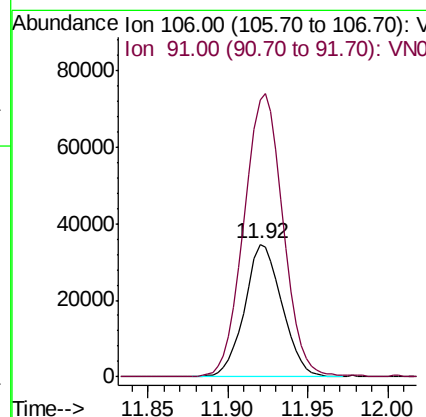
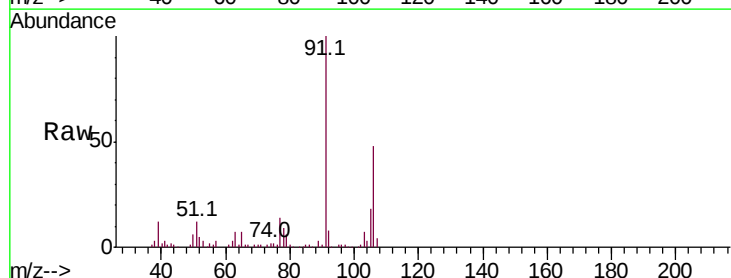
Instrument :
MSVOA_N
ClientSampled :
DRUM-COMP-1

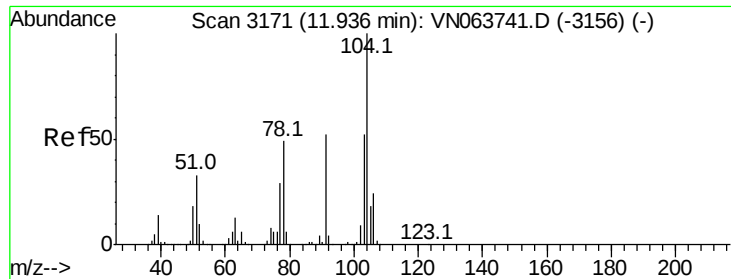
Tot Ion:106 Resp: 110768
Ion Ratio Lower Upper
106 100
91 211.2 168.0 252.0



#69
o-Xylene
Concen: 11.888 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

Tgt Ion:106 Resp: 54958
Ion Ratio Lower Upper
106 100
91 223.7 112.7 338.0





#70

Stvrene

Concen: 1.819 ug/l

RT: 11.94 min Scan# 3172

Delta R.T. 0.00 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-1

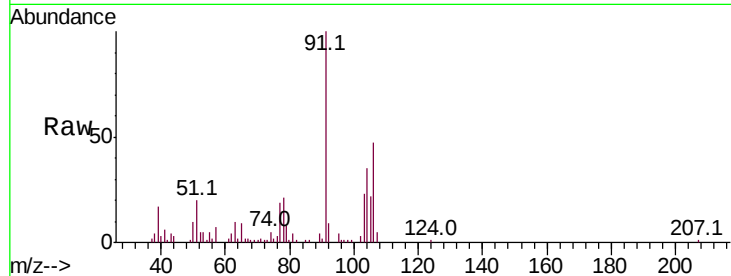
Tot Ion:104 Resp: 14275

Ion Ratio Lower Upper

104 100

78 108.7 44.1 66.1#

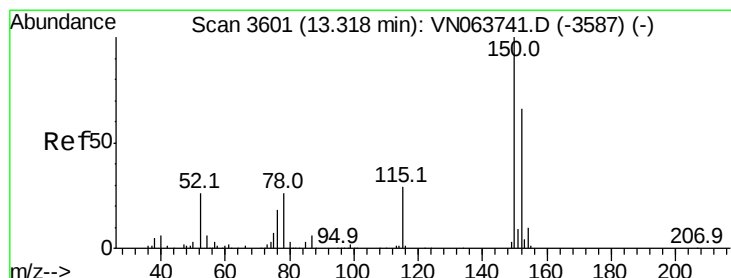
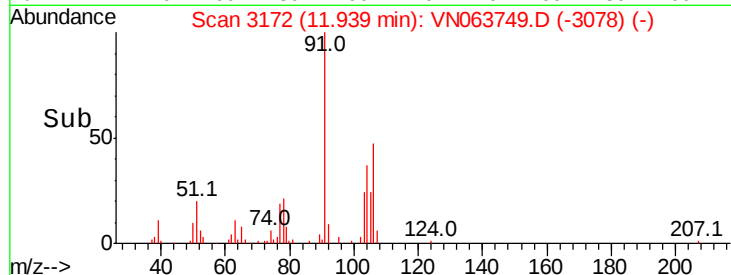
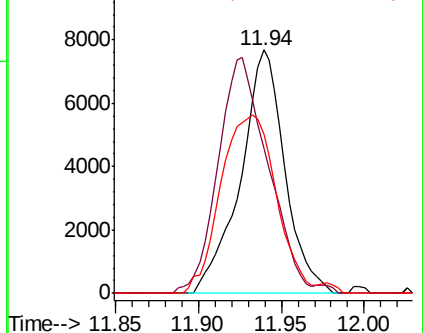
103 91.5 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

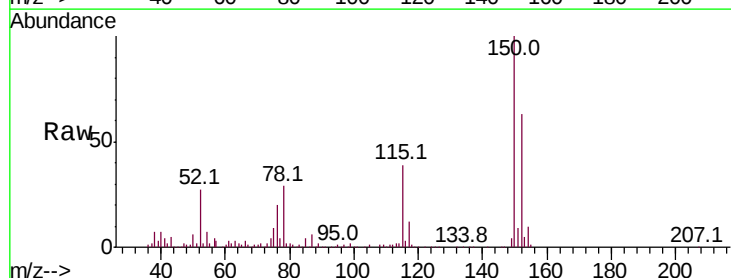
Tgt Ion:152 Resp: 164323

Ion Ratio Lower Upper

152 100

115 62.7 31.3 93.8

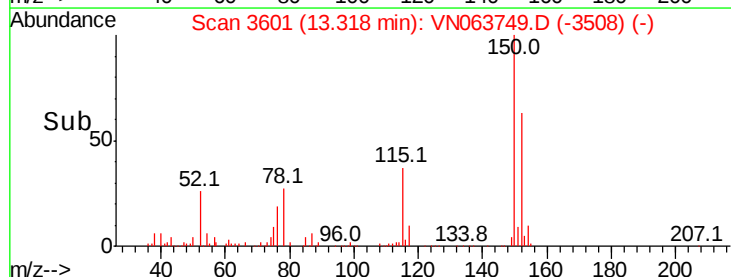
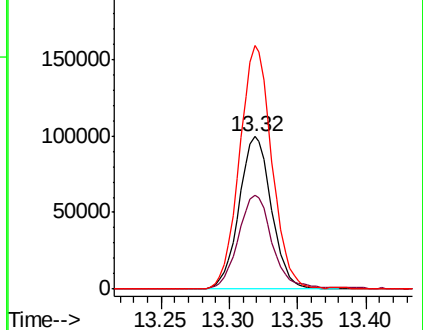
150 158.8 0.0 341.8

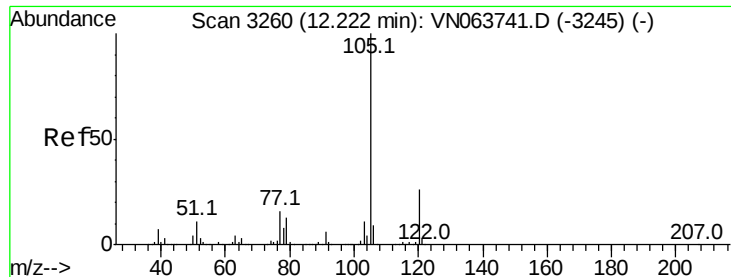


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.875 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

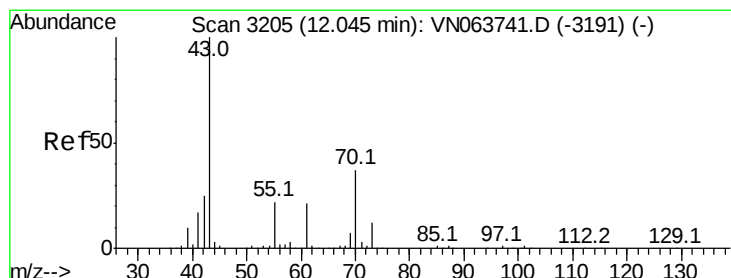
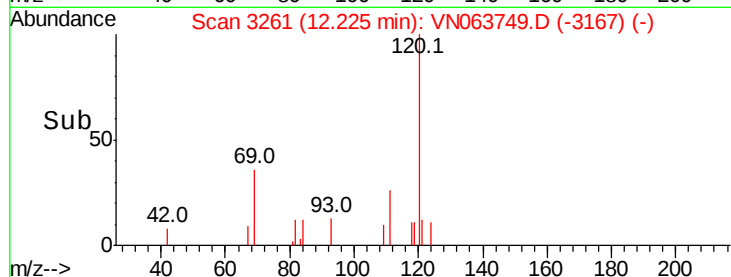
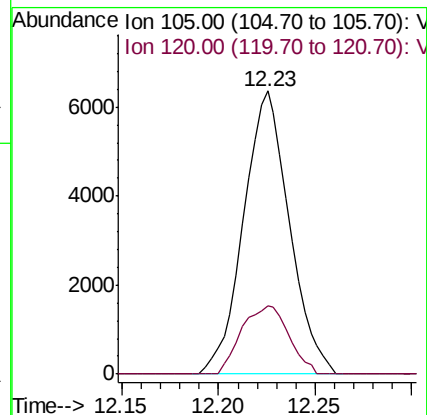
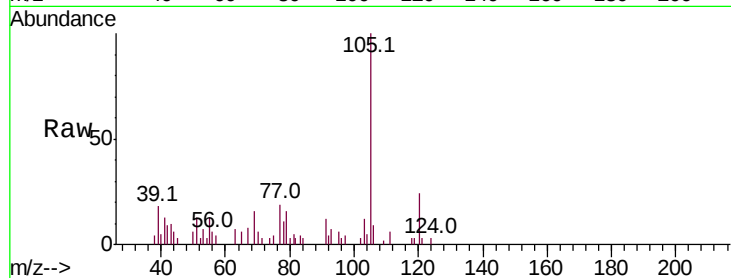
DRUM-COMP-1

Tot Ion:105 Resp: 10482

Ion Ratio Lower Upper

105 100

120 24.8 12.6 37.8



#74

N-ethyl acetate

Concen: 3.047 ug/l

RT: 12.02 min Scan# 3197

Delta R.T. -0.02 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Tgt Ion: 43 Resp: 4846

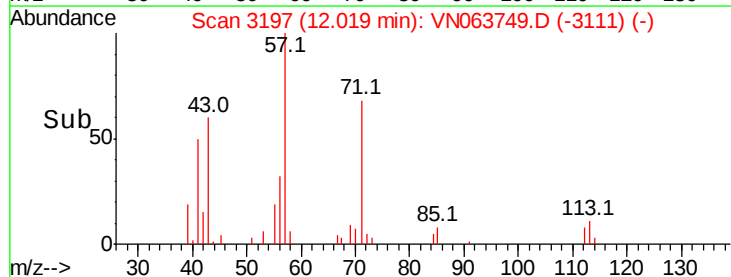
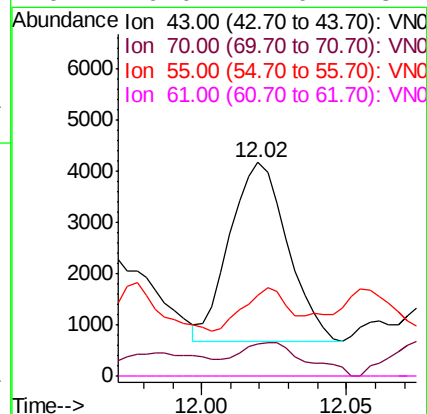
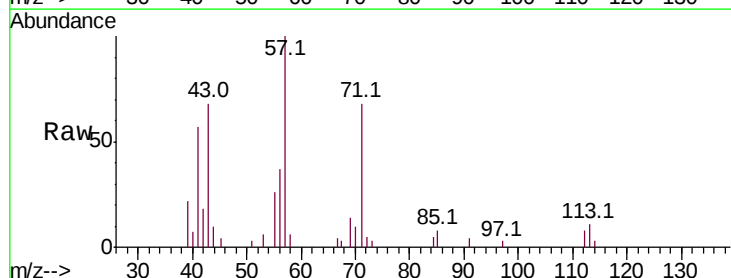
Ion Ratio Lower Upper

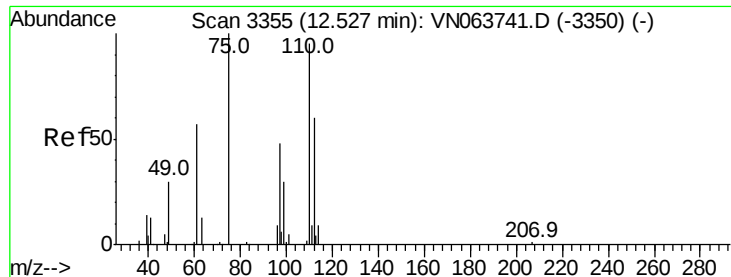
43 100

70 21.7 29.8 44.8#

55 20.7 17.9 26.9

61 0.0 17.0 25.4#





#76

1,2,3-Trichloropropane

Concen: 28.672 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

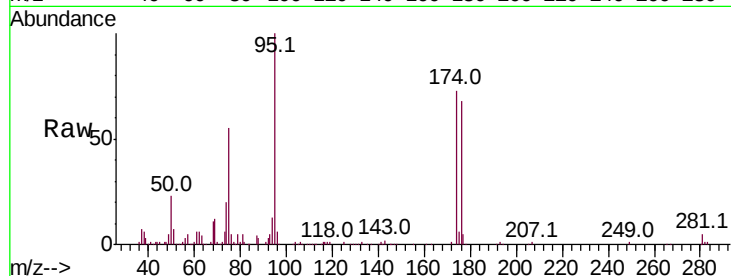
DRUM-COMP-1

Tot Ion: 75 Resp: 103859

Ion Ratio Lower Upper

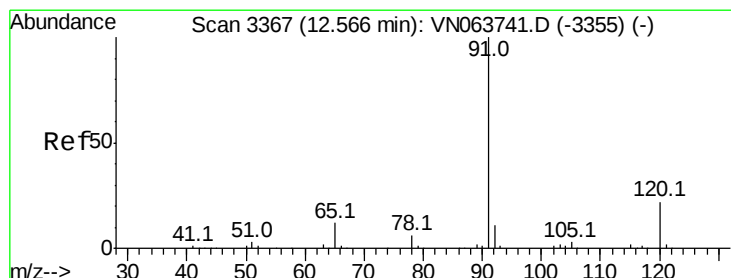
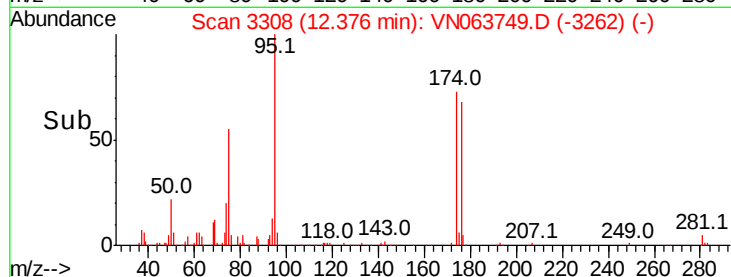
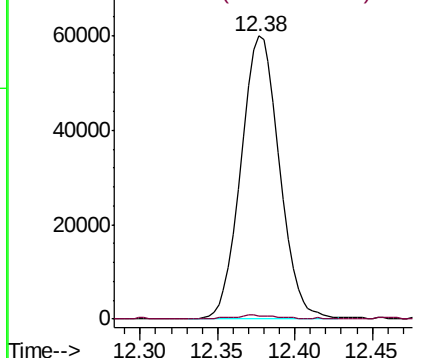
75 100

77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 1.693 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063749.D

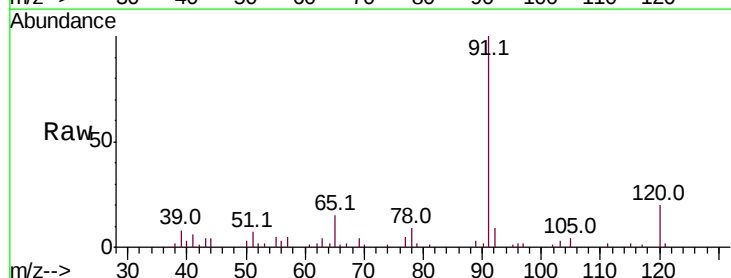
Acq: 30 Sep 2020 15:08

Tgt Ion: 91 Resp: 23619

Ion Ratio Lower Upper

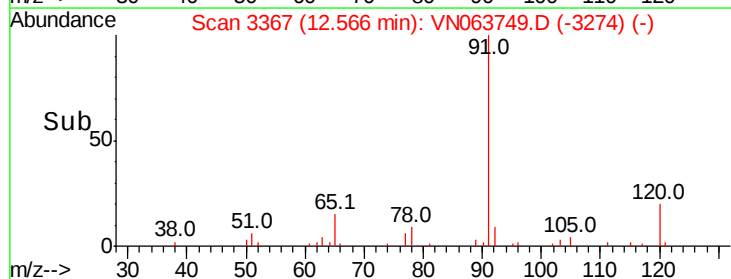
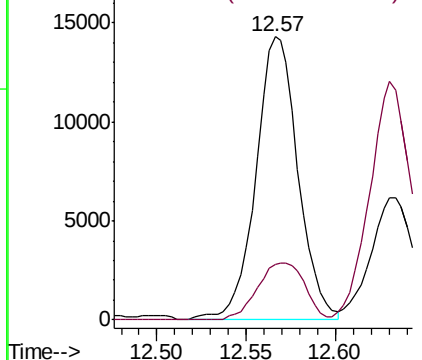
91 100

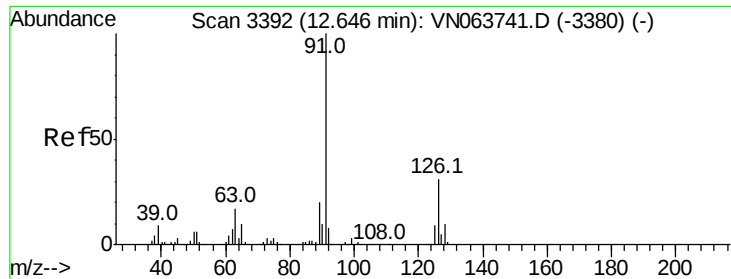
120 22.5 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

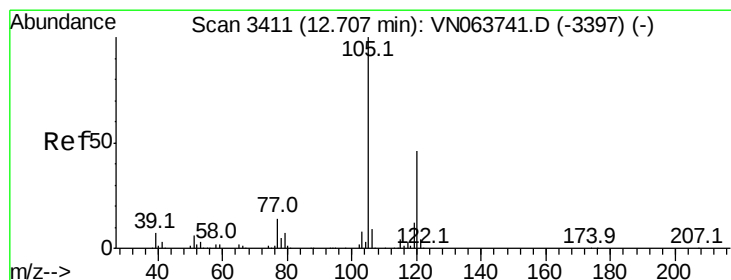
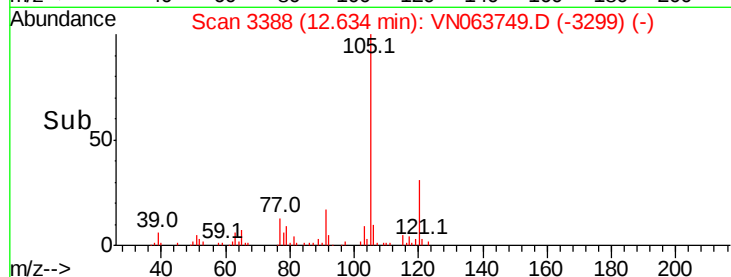
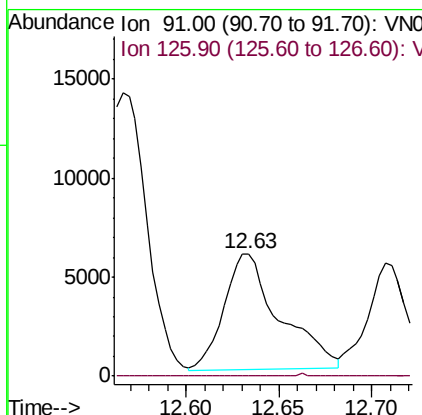
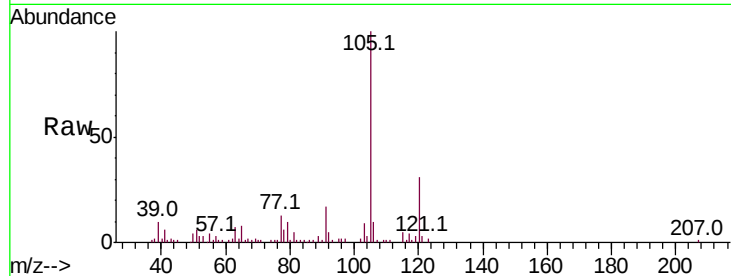




#79
 2-Chlorotoluene
 Concen: 1.424 ug/l
 RT: 12.63 min Scan# 3388
 Delta R.T. -0.01 min
 Lab File: VN063749.D
 Acq: 30 Sep 2020 15:08

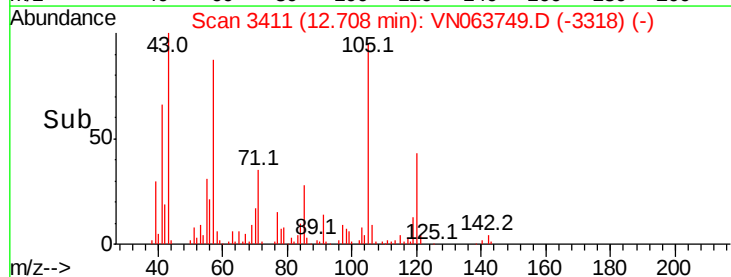
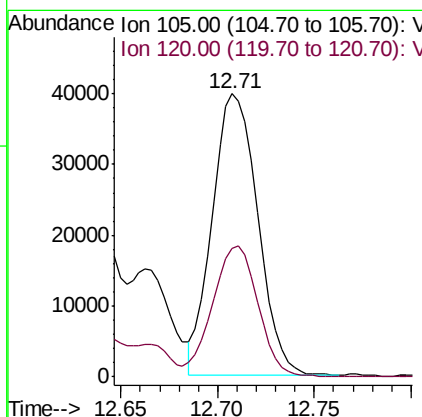
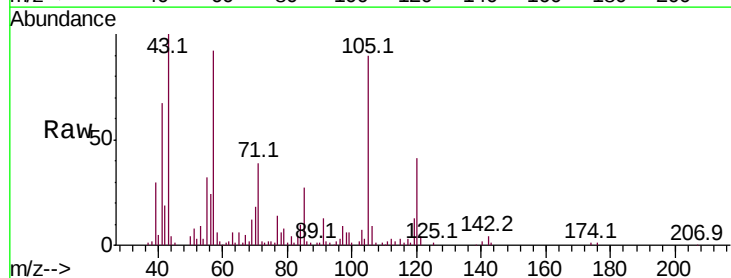
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-1

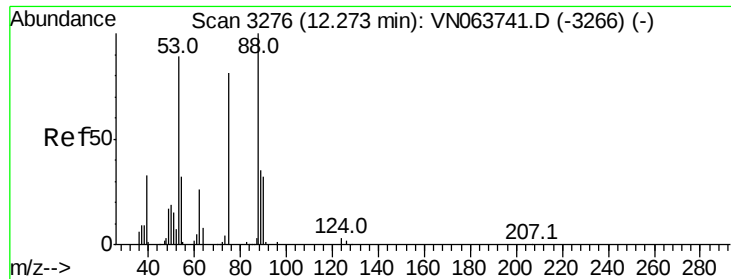
Tot Ion: 91 Resp: 12215
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.9 47.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 6.455 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063749.D
 Acq: 30 Sep 2020 15:08

Tgt Ion:105 Resp: 64903
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 82.580 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-1

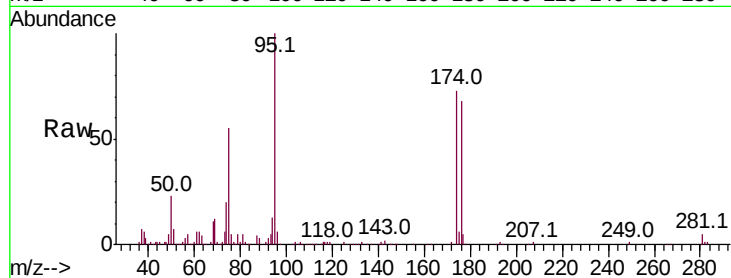
Tot Ion: 75 Resp: 103859

Ion Ratio Lower Upper

75 100

53 0.0 88.2 132.2#

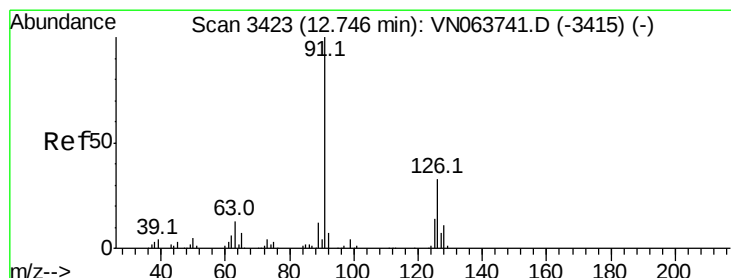
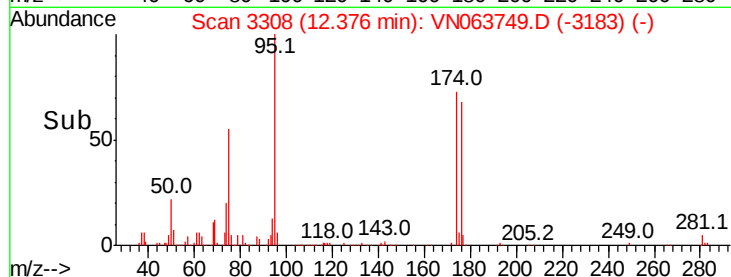
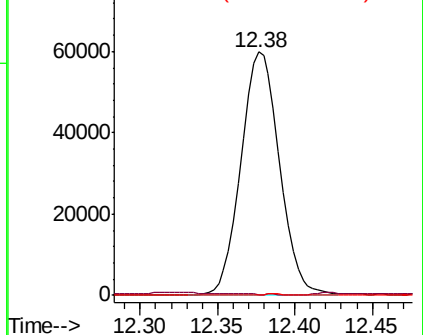
89 0.4 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.300 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.22 min

Lab File: VN063749.D

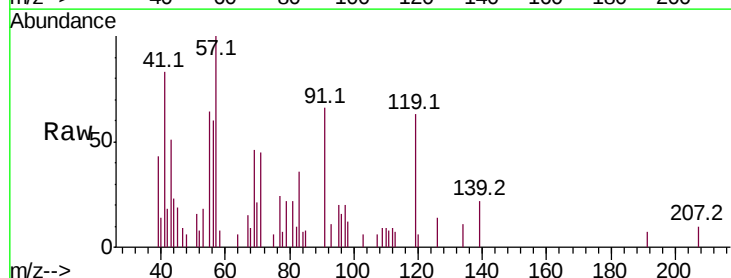
Acq: 30 Sep 2020 15:08

Tgt Ion: 91 Resp: 2670

Ion Ratio Lower Upper

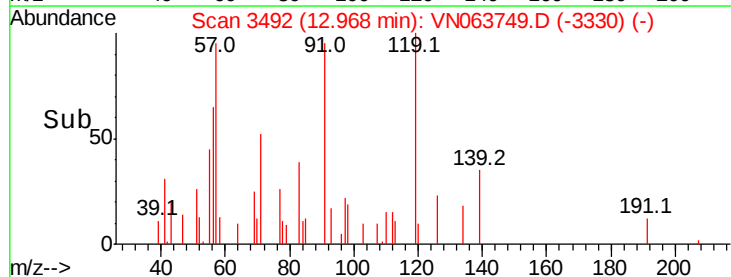
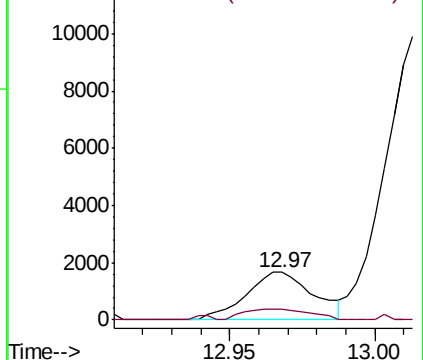
91 100

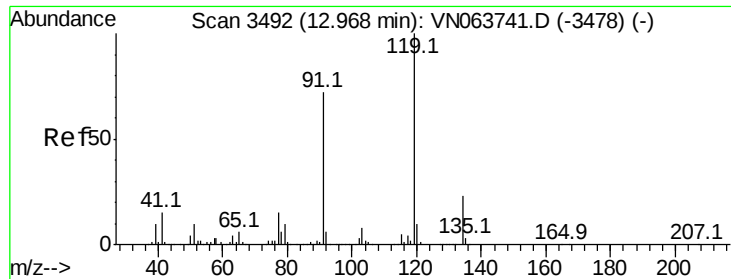
126 22.5 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 1.256 ug/l

RT: 13.21 min Scan# 3567

Delta R.T. 0.24 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-1

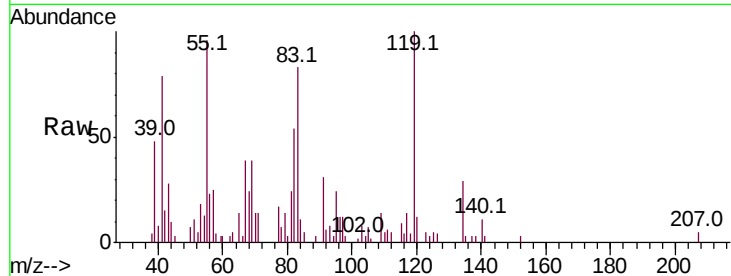
Tot Ion:119 Resp: 10330

Ion Ratio Lower Upper

119 100

91 40.3 35.5 106.5

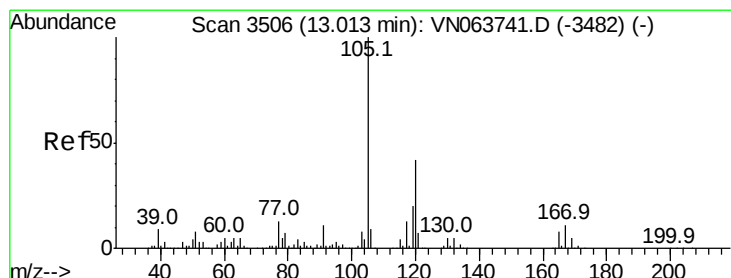
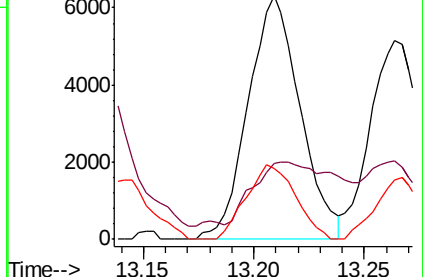
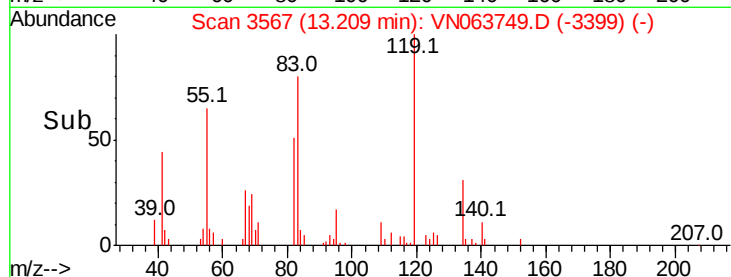
134 29.2 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 13.308 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063749.D

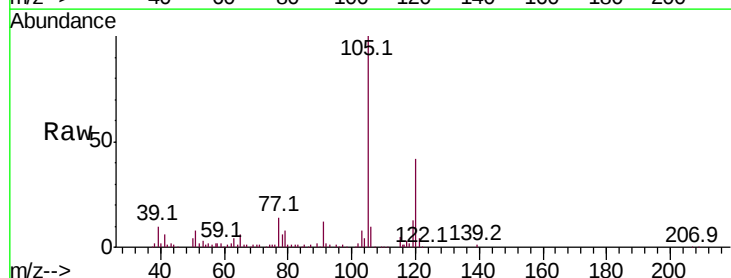
Acq: 30 Sep 2020 15:08

Tgt Ion:105 Resp: 133603

Ion Ratio Lower Upper

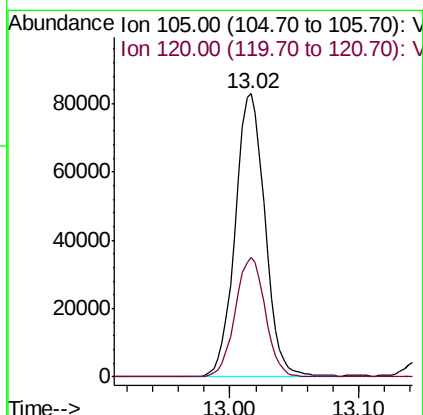
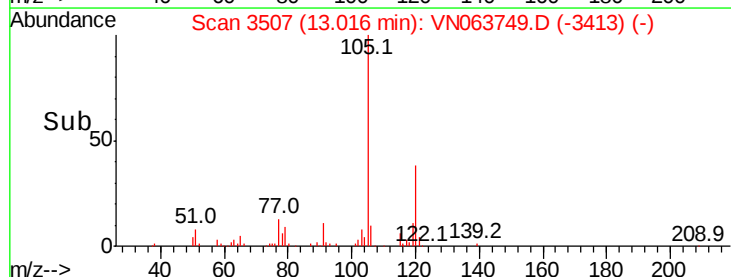
105 100

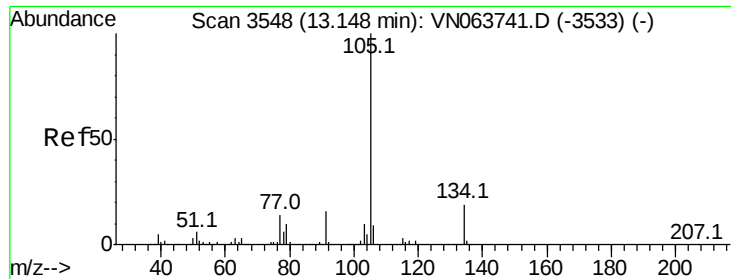
120 42.5 20.9 62.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

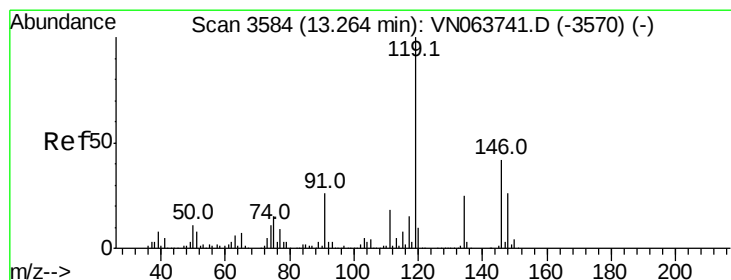
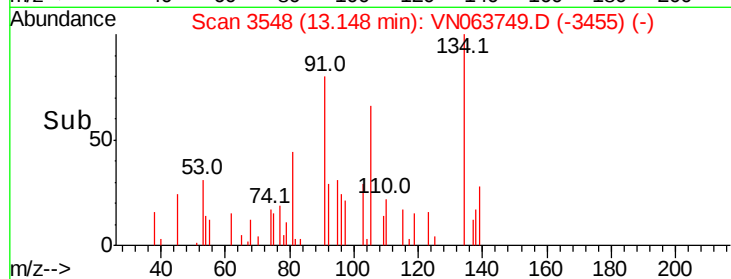
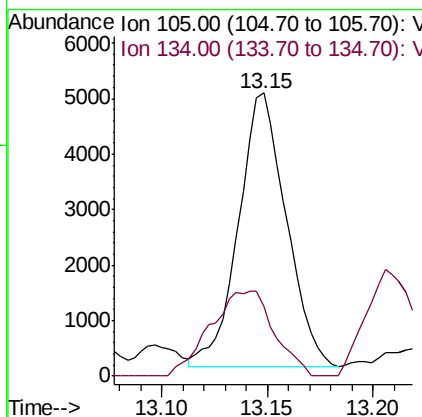
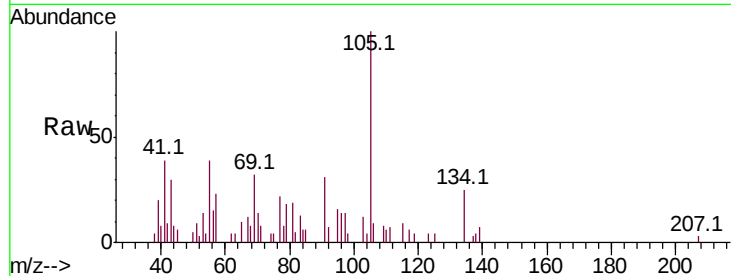




#85
 sec-Butylbenzene
 Concen: 0.719 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063749.D
 Acq: 30 Sep 2020 15:08

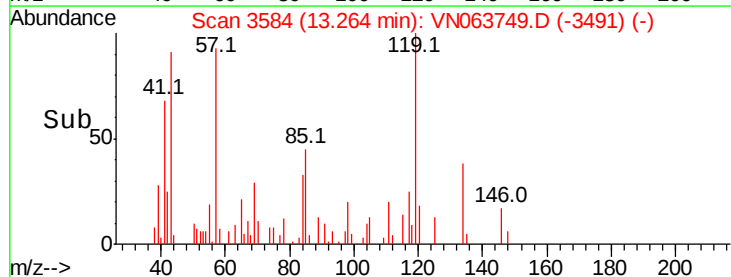
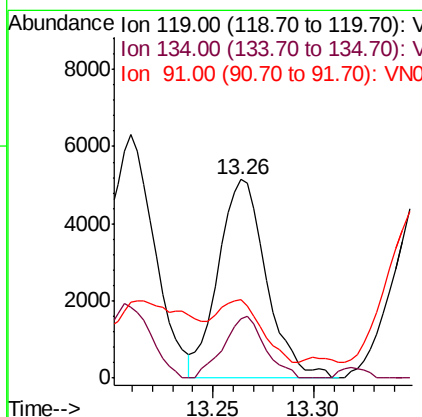
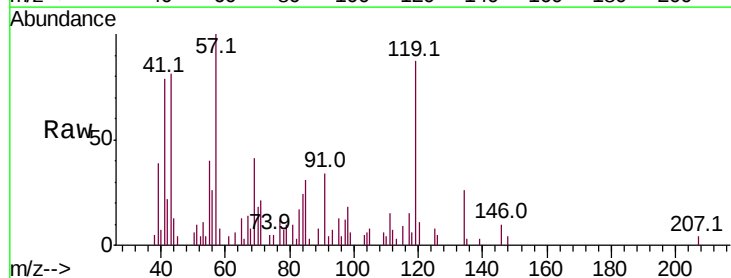
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-1

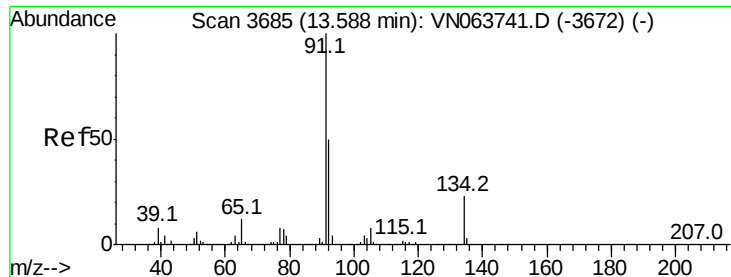
Tot Ion:105 Resp: 7767
 Ion Ratio Lower Upper
 105 100
 134 41.6 9.5 28.5#



#86
 p-Isopropyltoluene
 Concen: 0.895 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063749.D
 Acq: 30 Sep 2020 15:08

Tgt Ion:119 Resp: 8551
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.6 37.8
 91 28.2 13.4 40.2

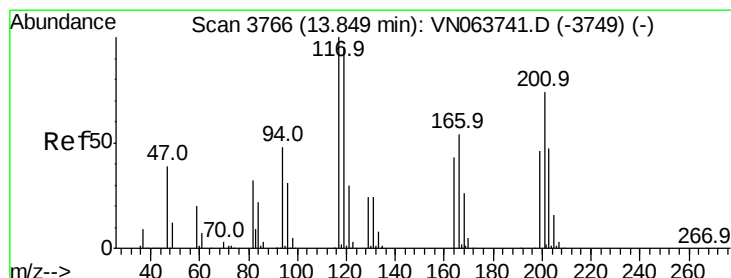
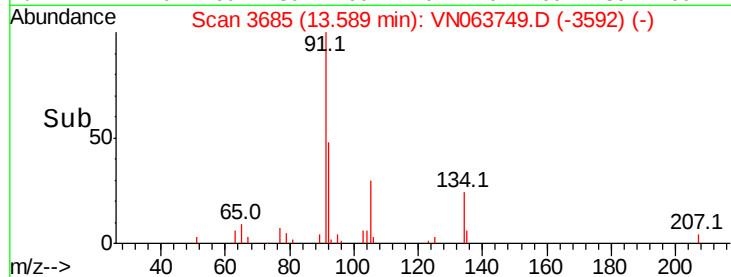
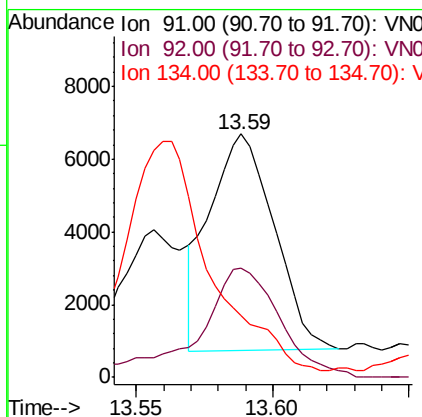
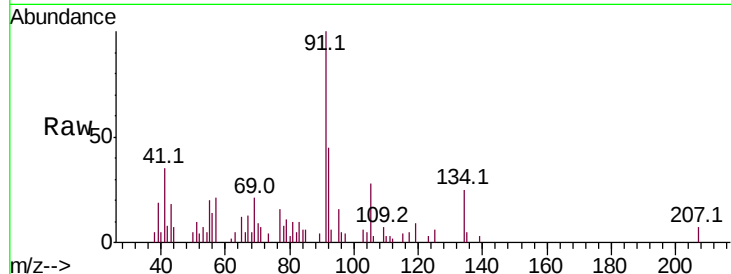




#89
n-Butylbenzene
Concen: 1.111 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

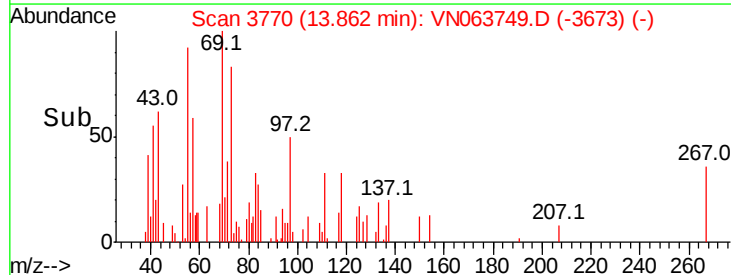
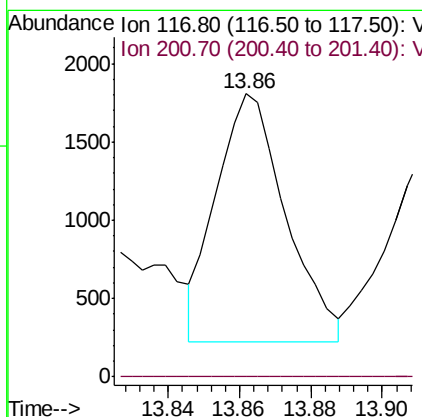
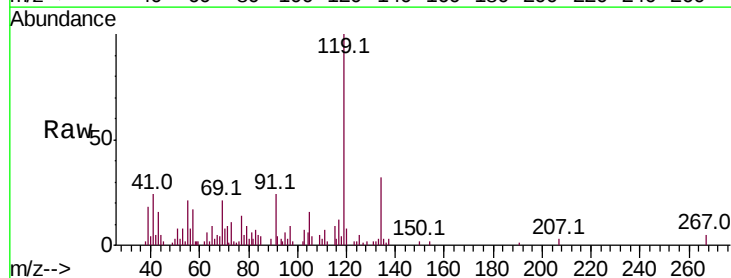
Instrument :
MSVOA_N
ClientSampled :
DRUM-COMP-1

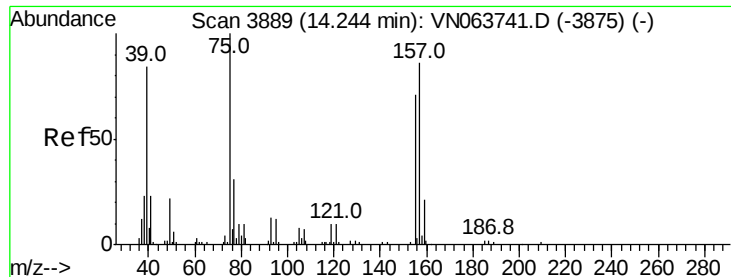
Tot Ion: 91 Resp: 9803
Ion Ratio Lower Upper
91 100
92 62.2 25.4 76.4
134 0.0 11.7 35.1#



#90
Hexachloroethane
Concen: 1.157 ug/l
RT: 13.86 min Scan# 3770
Delta R.T. 0.01 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

Tgt Ion: 117 Resp: 2143
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.396 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-1

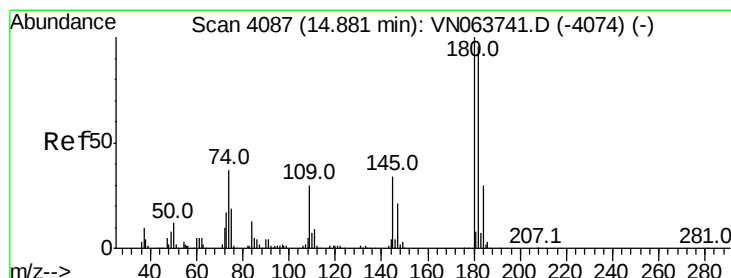
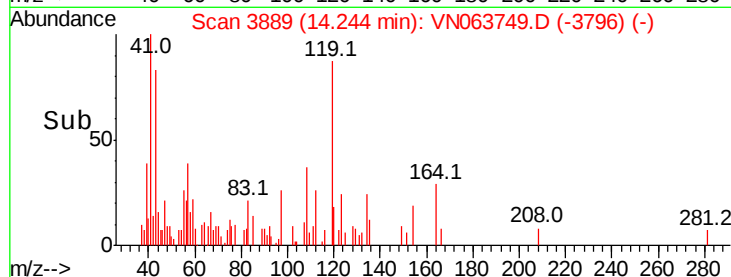
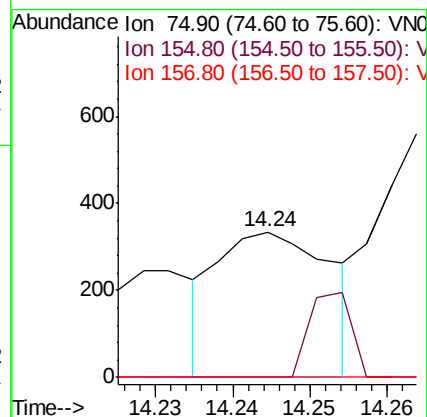
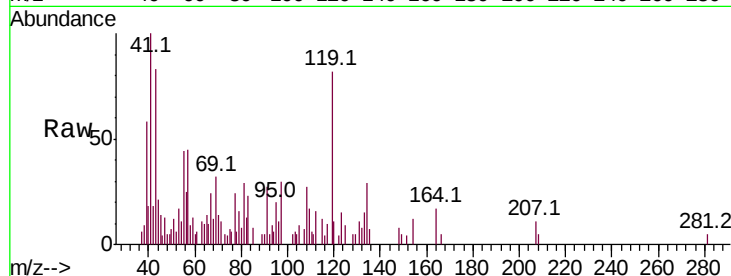
Tot Ion: 75 Resp: 340

Ion Ratio Lower Upper

75 100

155 0.0 34.8 104.5#

157 0.0 43.7 131.1#



#93

1,2,4-Trichlorobenzene

Concen: 2.415 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

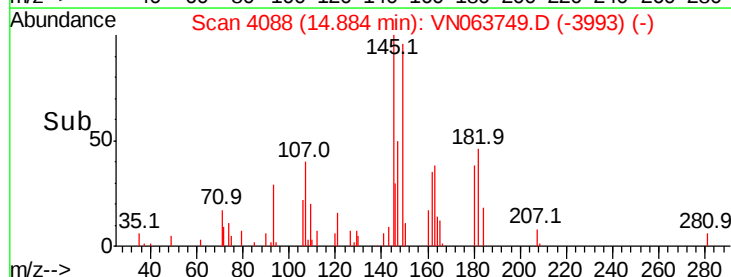
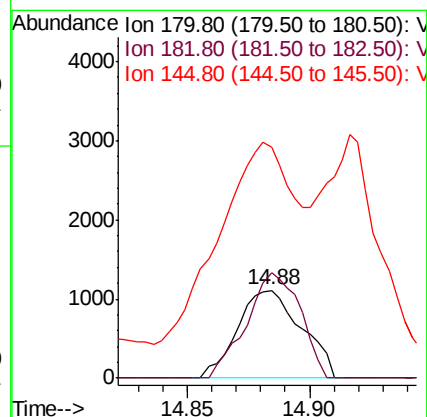
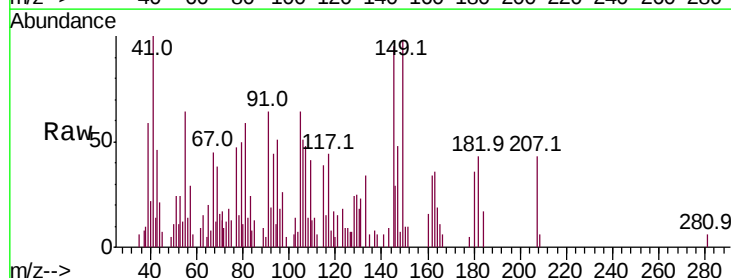
Tgt Ion:180 Resp: 2016

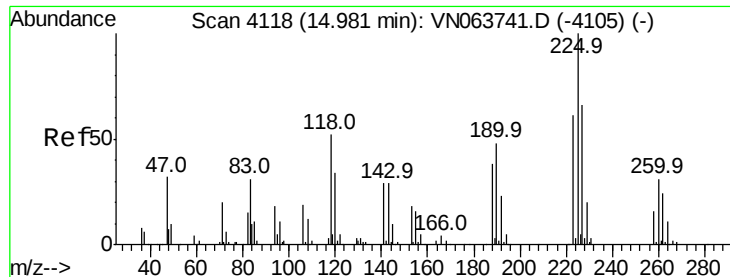
Ion Ratio Lower Upper

180 100

182 101.0 48.2 144.6

145 284.0 17.1 51.2#





#94

Hexachlorobutadiene

Concen: 1.240 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampled :

DRUM-COMP-1

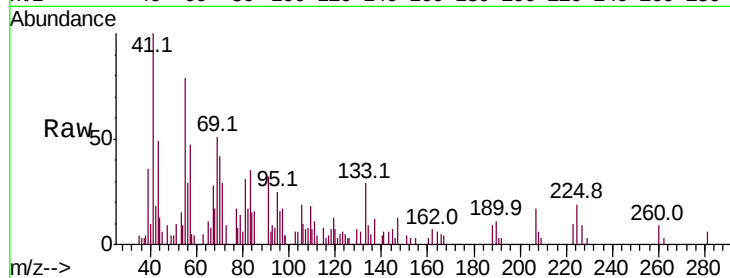
Tot Ion:225 Resp: 1678

Ion Ratio Lower Upper

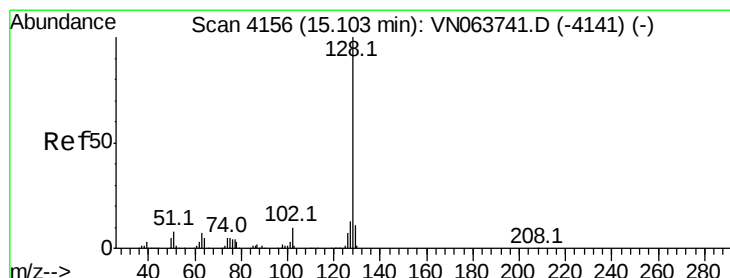
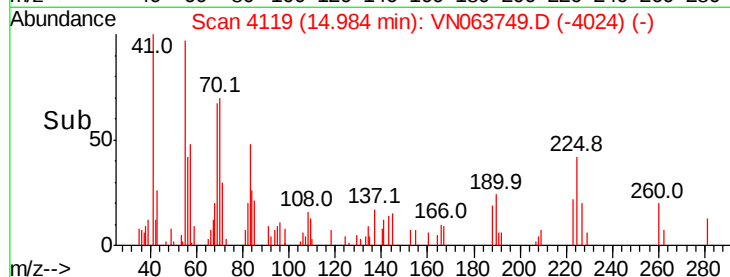
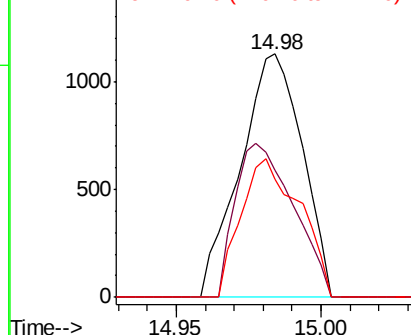
225 100

223 59.2 30.3 91.0

227 53.9 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 106.775 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

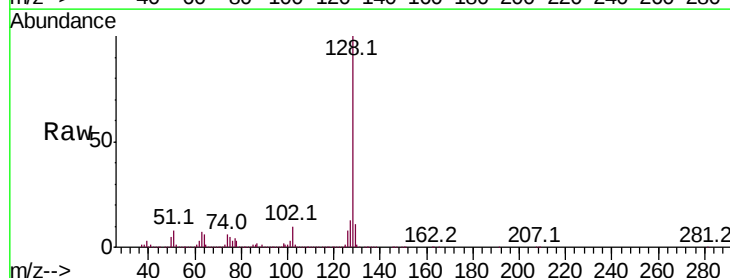
Tgt Ion:128 Resp: 966876

Ion Ratio Lower Upper

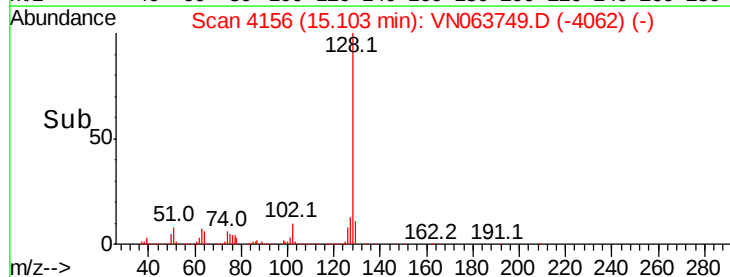
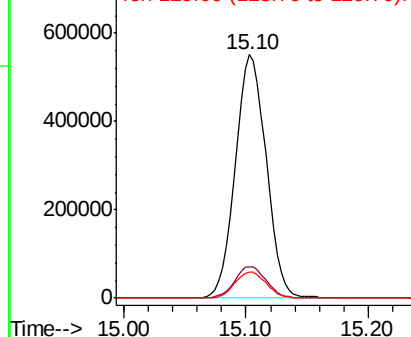
128 100

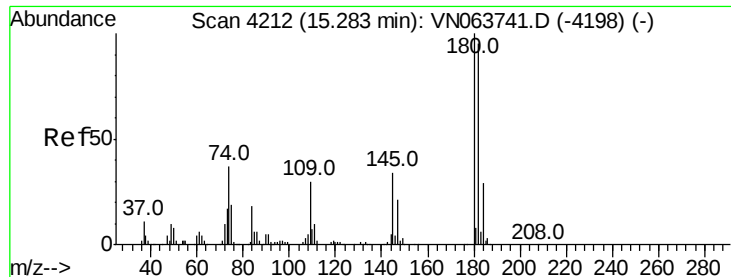
127 13.1 10.5 15.7

129 11.2 8.7 13.1



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

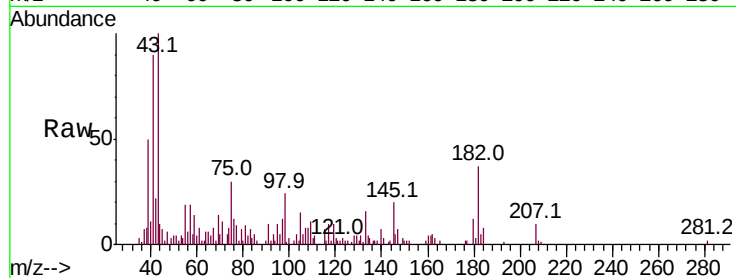




#96
 1,2,3-Trichlorobenzene
 Concen: 2.565 ug/l
 RT: 15.28 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN063749.D
 Acq: 30 Sep 2020 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-1

Tot Ion	Ratio	Lower	Upper
180	100		
182	281.9	47.9	143.6#
145	72.0	17.2	51.5#



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

