

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063751.D
 Acq On : 30 Sep 2020 15:55
 Operator : JC/MD
 Sample : L4129-18
 Misc : 7.78g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-3

Quant Time: Oct 01 02:14:30 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	212257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	390431	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	399578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191235	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	176666	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
35) Dibromofluoromethane	7.55	113	125321	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	
50) Toluene-d8	10.06	98	496148	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	12.38	95	209780	54.34	ug/l	0.00
Spiked Amount			Recovery	=	108.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.74	59	284	0.734	ug/l #	71
16) Acetone	3.79	43	2121	1.965	ug/l	95
17) Carbon Disulfide	3.99	76	2179	1.072	ug/l #	76
18) Methyl Acetate	4.29	43	9648	3.442	ug/l #	72
20) Methylene Chloride	4.49	84	9140	3.787	ug/l	95
31) Cyclohexane	7.62	56	8511	2.091	ug/l #	25
36) 1,1-Dichloropropene	7.62	75	19523	4.936	ug/l #	49
37) Ethyl Acetate	6.80	43	4501	1.145	ug/l #	80
38) Carbon Tetrachloride	7.62	117	23958	5.402	ug/l #	13
39) Methylcyclohexane	9.05	83	10274	2.605	ug/l	98
40) Benzene	8.00	78	44007	3.895	ug/l	99
41) Methacrylonitrile	7.16	41	376	0.215	ug/l #	23
49) 1,4-Dioxane	9.17	88	100	2.197	ug/l #	1
51) 4-Methyl-2-Pentanone	9.97	43	3313	0.871	ug/l #	63
52) Toluene	10.13	92	91078	13.033	ug/l	99
55) 1,1,2-Trichloroethane	10.50	97	2738	0.977	ug/l #	21
56) Ethyl methacrylate	10.41	69	892	0.225	ug/l #	1
59) 2-Hexanone	10.73	43	601	0.213	ug/l #	28
67) Ethyl Benzene	11.49	91	53506	3.587	ug/l	95
68) m/p-Xylenes	11.59	106	94627	17.023	ug/l	94
69) o-Xylene	11.92	106	46350	8.921	ug/l	99
70) Styrene	11.94	104	8615	0.977	ug/l #	10
73) Isopropylbenzene	12.23	105	8703	0.624	ug/l	93
74) N-ethyl acetate	12.07	43	748	2.326	ug/l #	35
76) 1,2,3-Trichloropropane	12.38	75	118828	28.188	ug/l #	100
77) Bromobenzene	12.41	156	17619	5.148	ug/l #	1
78) n-propylbenzene	12.57	91	18755	1.155	ug/l	98
79) 2-Chlorotoluene	12.63	91	6542	0.655	ug/l #	52
80) 1,3,5-Trimethylbenzene	12.71	105	52694	4.503	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	118828	81.185	ug/l #	6
82) 4-Chlorotoluene	12.71	91	5951	0.574	ug/l #	44
83) tert-Butylbenzene	13.21	119	7575	0.791	ug/l	73
84) 1,2,4-Trimethylbenzene	13.02	105	104464	8.941	ug/l	98
85) sec-Butylbenzene	13.14	105	4922	0.391	ug/l #	46

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

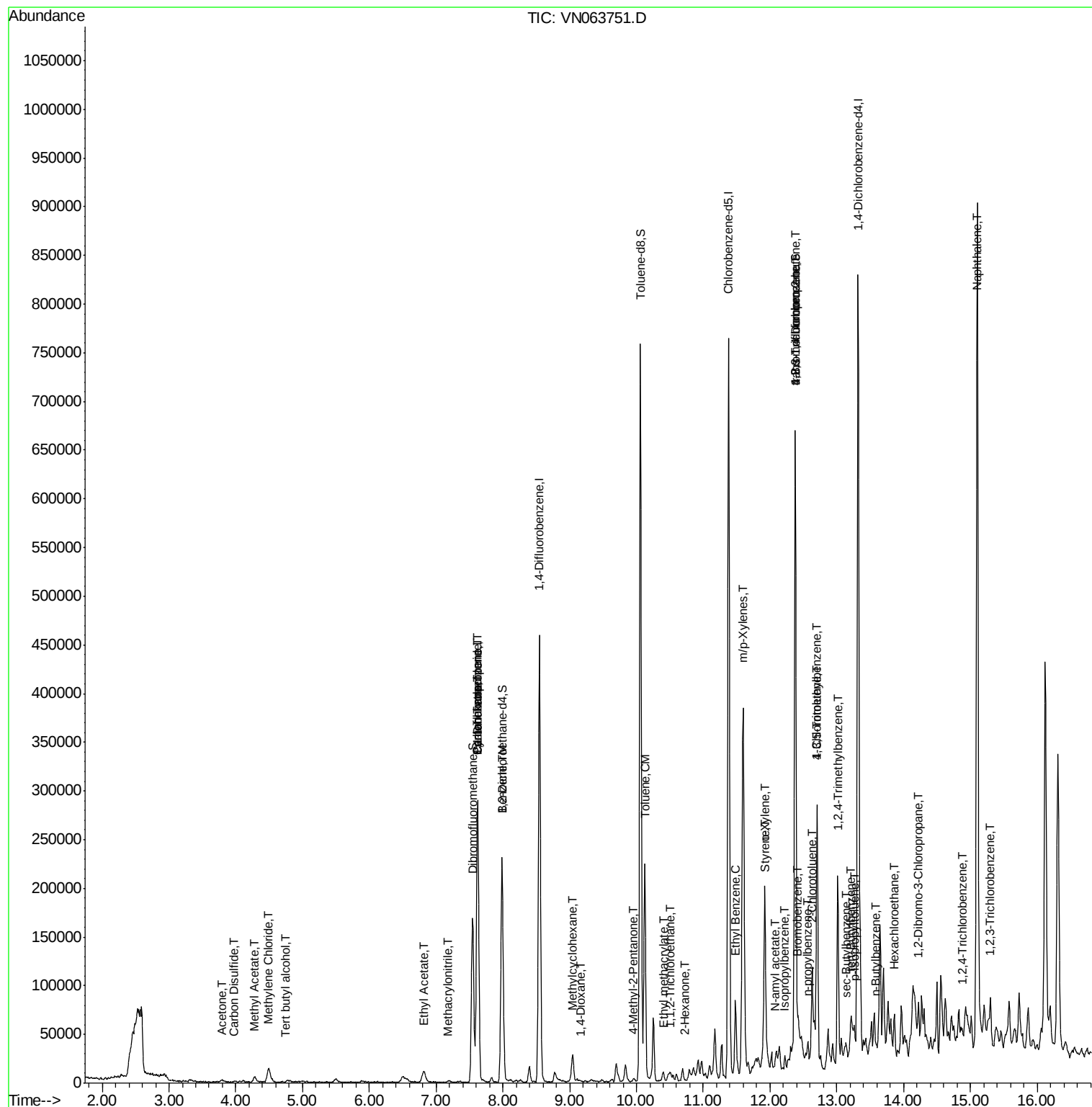
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.26	119	7152	0.643	ug/l	91
89) n-Butylbenzene	13.59	91	6070	0.591	ug/l #	68
90) Hexachloroethane	13.86	117	1580	0.733	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.22	75	293	0.293	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.89	180	302	1.824	ug/l #	1
95) Naphthalene	15.10	128	698196	66.984	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	530	1.727	ug/l #	1

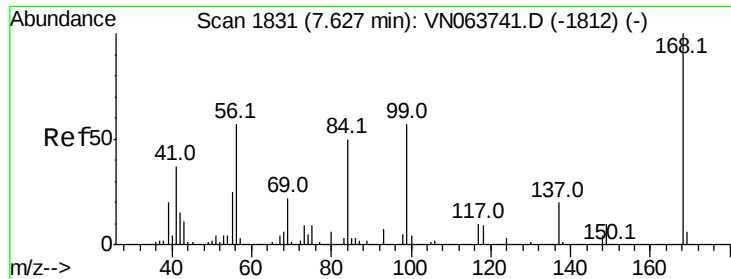
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

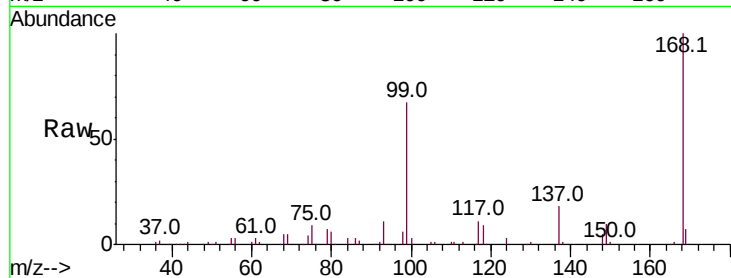
DRUM-COMP-3

Tot Ion:168 Resp: 212257

Ion Ratio Lower Upper

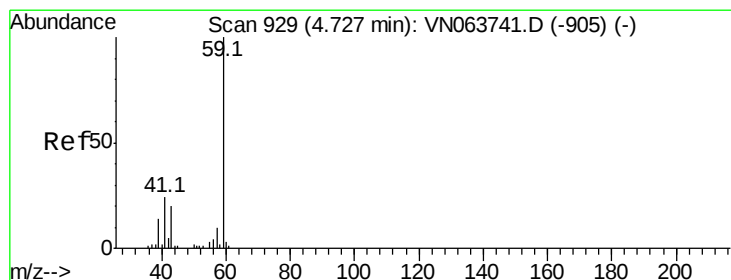
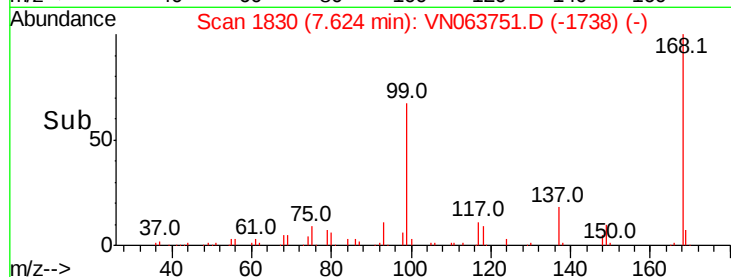
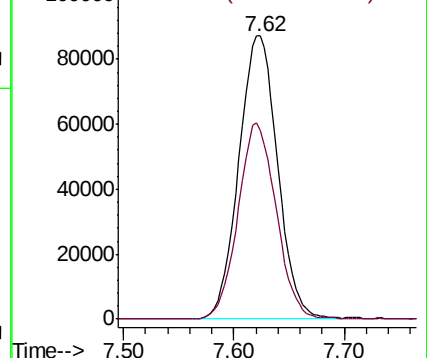
168 100

99 66.7 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#11

Tert butyl alcohol

Concen: 0.734 ug/l

RT: 4.74 min Scan# 932

Delta R.T. 0.01 min

Lab File: VN063751.D

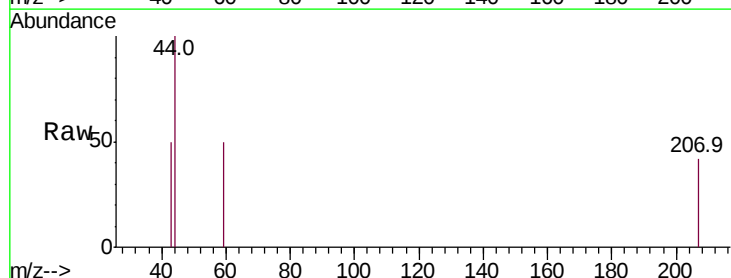
Acq: 30 Sep 2020 15:55

Tgt Ion: 59 Resp: 284

Ion Ratio Lower Upper

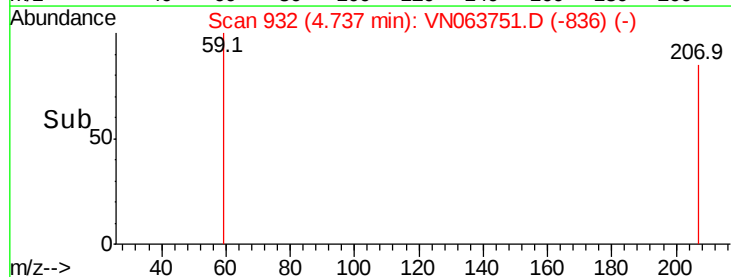
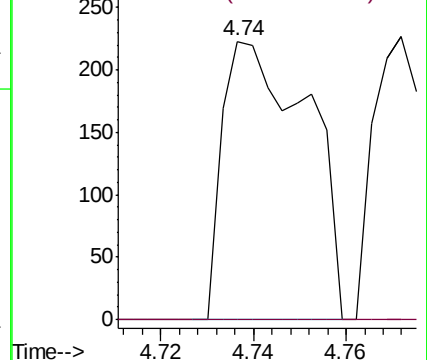
59 100

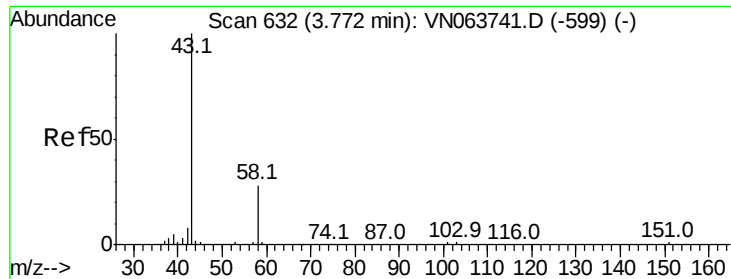
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN





#16

Acetone

Concen: 1.965 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.02 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

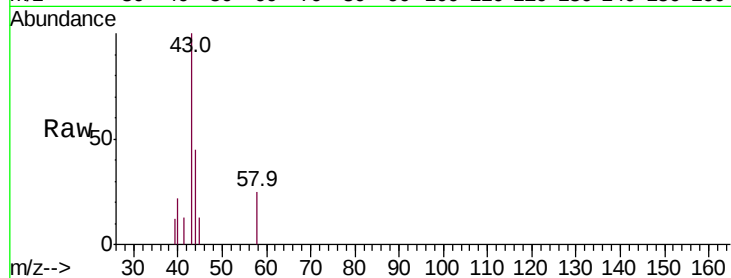
DRUM-COMP-3

Tot Ion: 43 Resp: 2121

Ion Ratio Lower Upper

43 100

58 25.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

1500

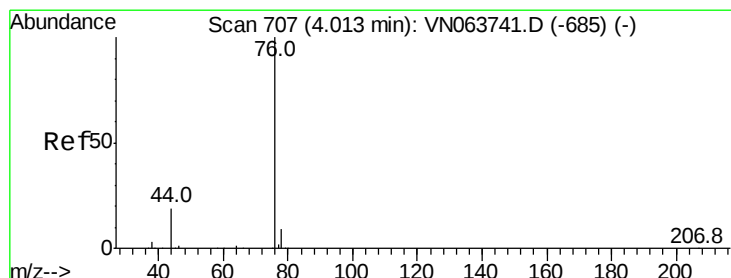
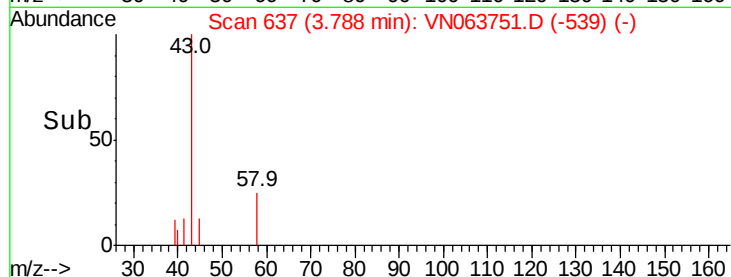
1000

500

0

3.74 3.76 3.78 3.80

Time-->



#17

Carbon Disulfide

Concen: 1.072 ug/l

RT: 3.99 min Scan# 699

Delta R.T. -0.03 min

Lab File: VN063751.D

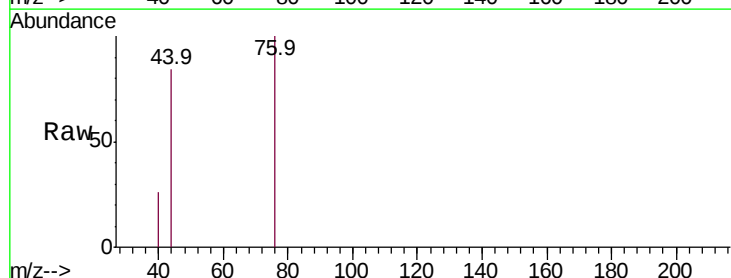
Acq: 30 Sep 2020 15:55

Tgt Ion: 76 Resp: 2179

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

1000

800

600

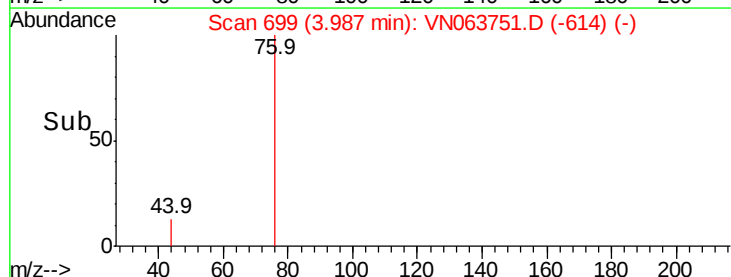
400

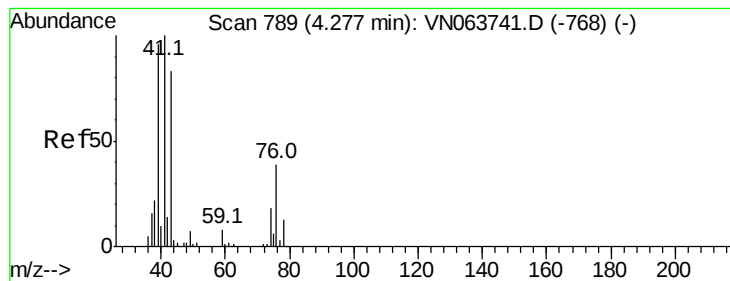
200

0

3.95 4.00

Time-->





#18

Methyl Acetate

Concen: 3.442 ug/l

RT: 4.29 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

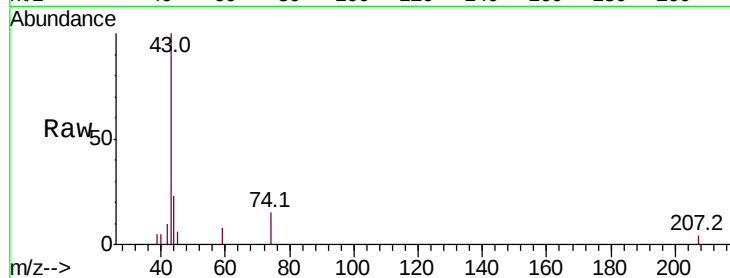
DRUM-COMP-3

Tot Ion: 43 Resp: 9648

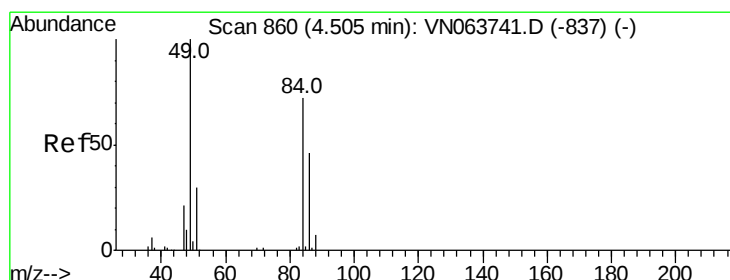
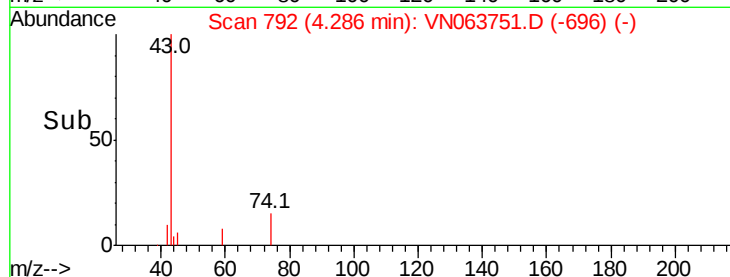
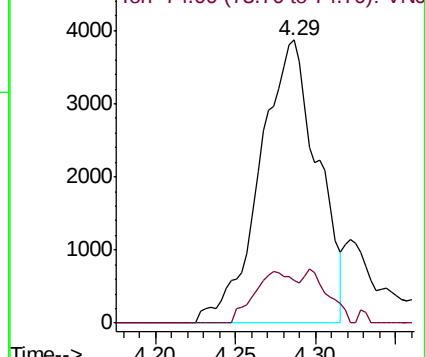
Ion Ratio Lower Upper

43 100

74 8.3 17.4 26.2#



Abundance Ion 43.00 (42.70 to 43.70): VN063751.D (-792) (-)



#20

Methylene Chloride

Concen: 3.787 ug/l

RT: 4.49 min Scan# 854

Delta R.T. -0.02 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

Tgt Ion: 84 Resp: 9140

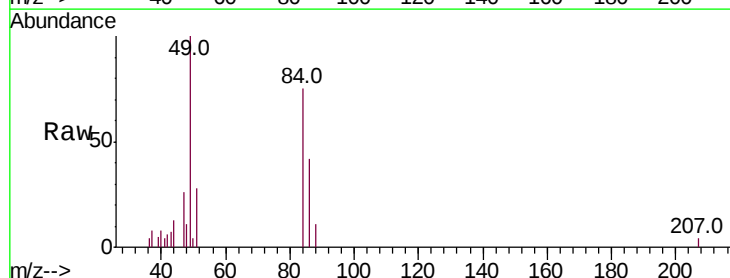
Ion Ratio Lower Upper

84 100

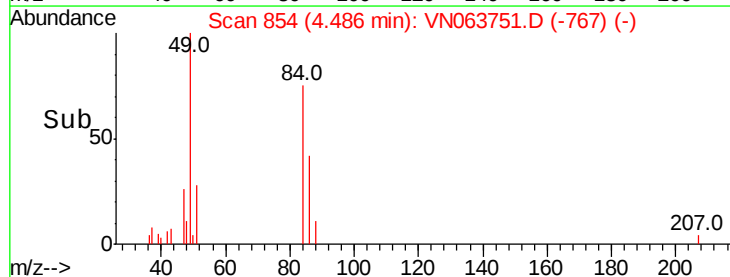
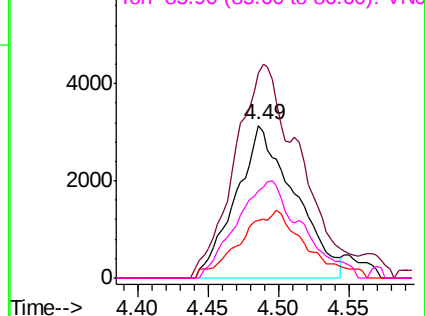
49 133.8 110.4 165.6

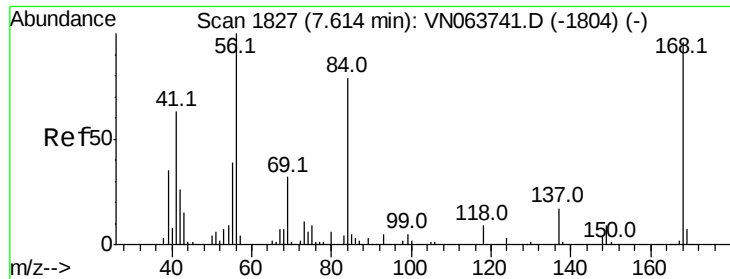
51 38.1 33.3 49.9

86 56.8 50.7 76.1



Abundance Ion 83.90 (83.60 to 84.60): VN063751.D (-854) (-)

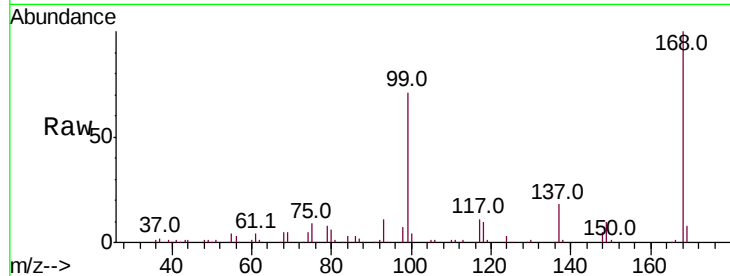




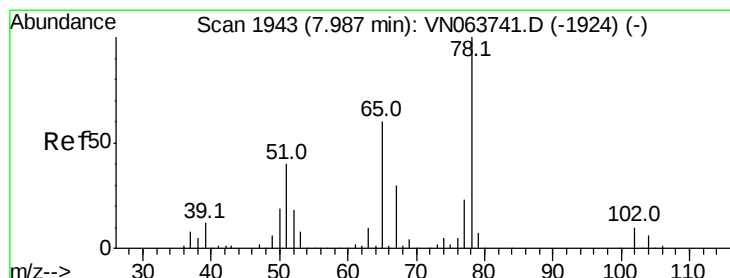
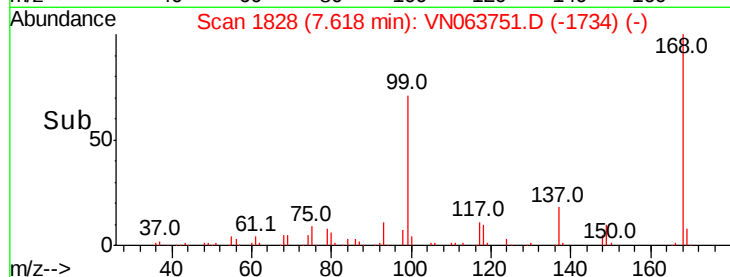
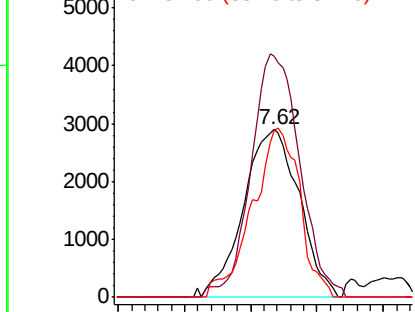
#31
Cyclohexane
Concen: 2.091 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-3

Tot Ion: 56 Resp: 8511
Ion Ratio Lower Upper
56 100
69 144.0 25.4 38.2#
84 99.9 63.3 94.9#

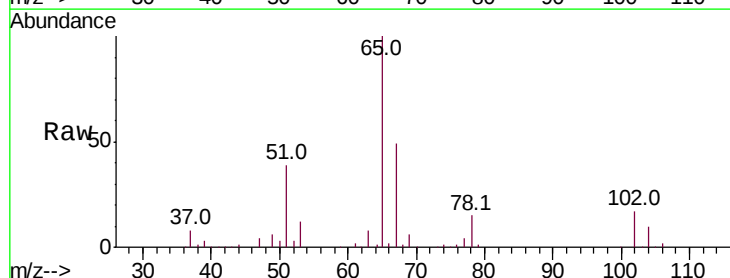


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

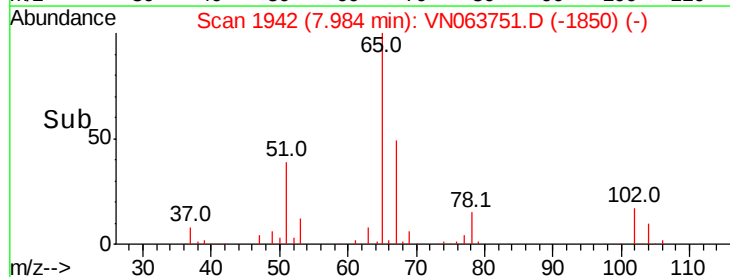
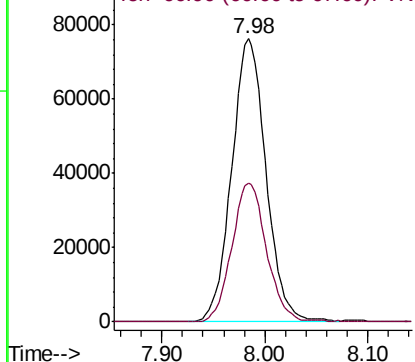


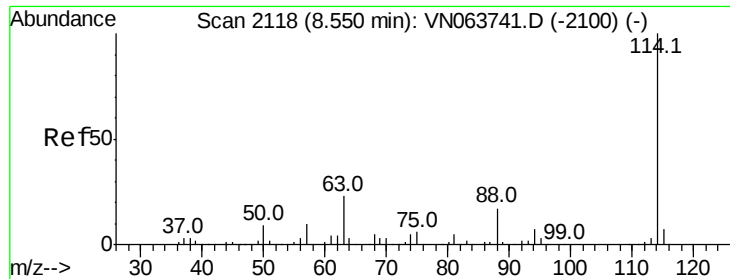
#33
1,2-Dichloroethane-d4
Concen: 50.381 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

Tgt Ion: 65 Resp: 176666
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.6



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

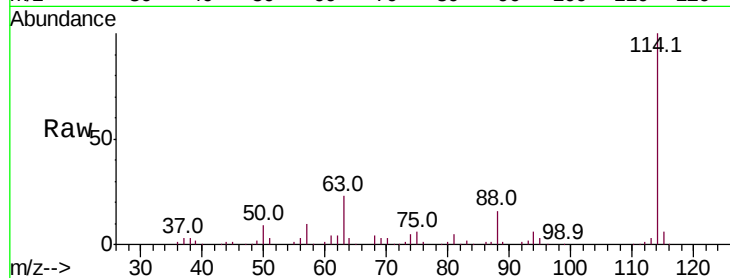




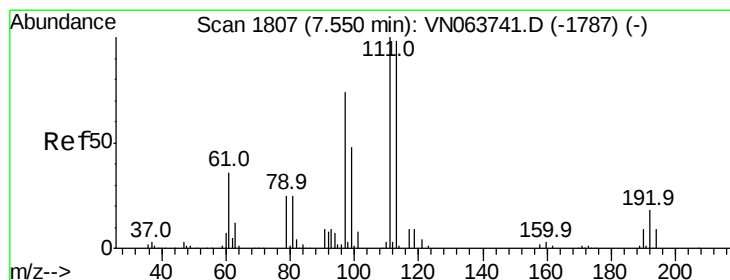
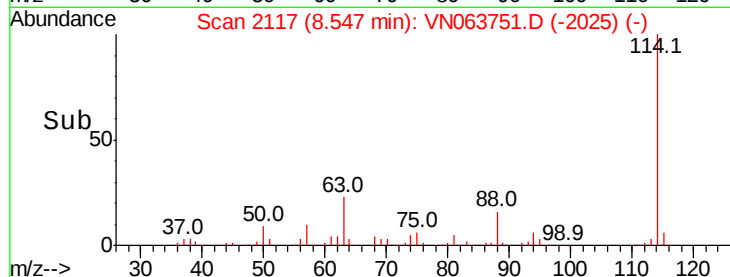
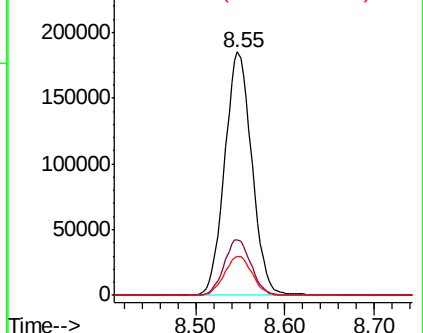
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063751.D
 Acq: 30 Sep 2020 15:55

Instrument :
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Tot Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	45.0
88	16.1	0.0	34.0

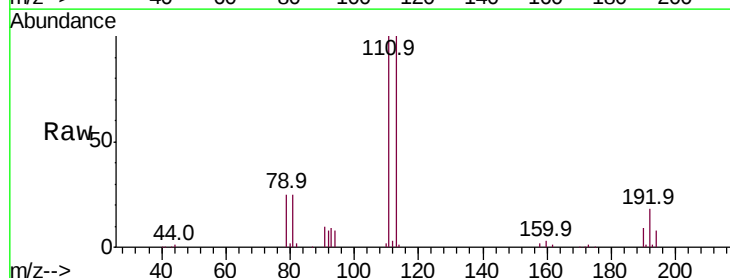


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

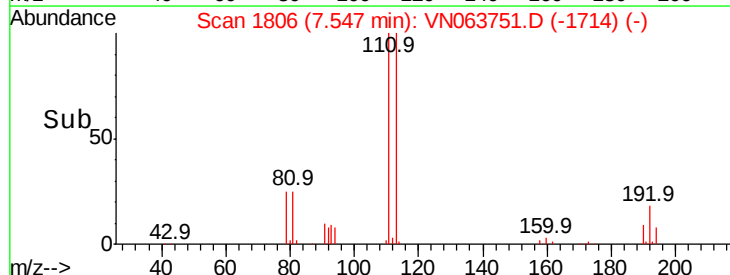
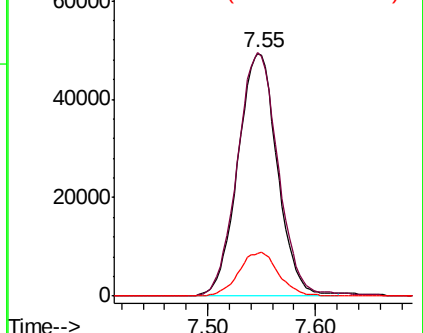


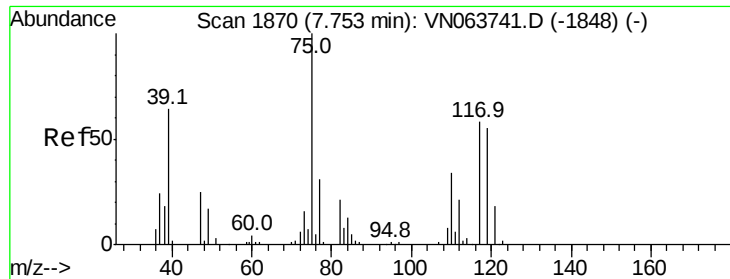
#35
 Dibromofluoromethane
 Concen: 46.259 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063751.D
 Acq: 30 Sep 2020 15:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.8
192	18.3	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: 4.936 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-3

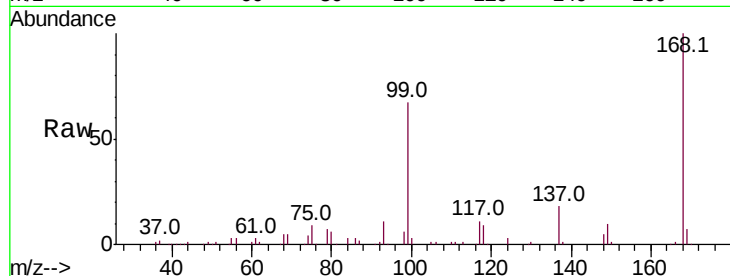
Tot Ion: 75 Resp: 19523

Ion Ratio Lower Upper

75 100

110 6.8 16.9 50.6#

77 0.0 24.5 36.7#



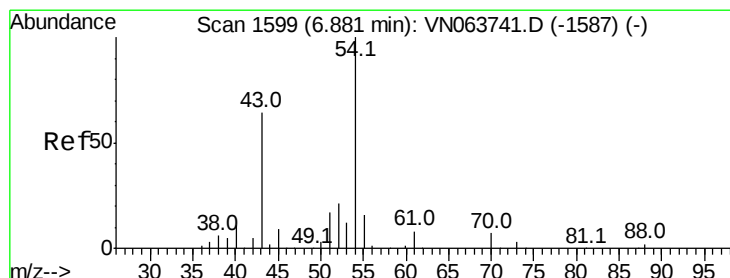
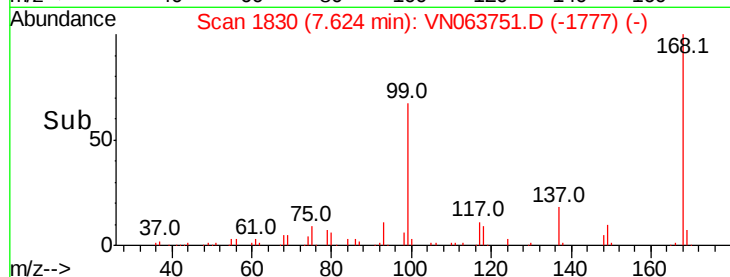
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

7.62

Time-->



#37

Ethyl Acetate

Concen: 1.145 ug/l

RT: 6.80 min Scan# 1575

Delta R.T. -0.08 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

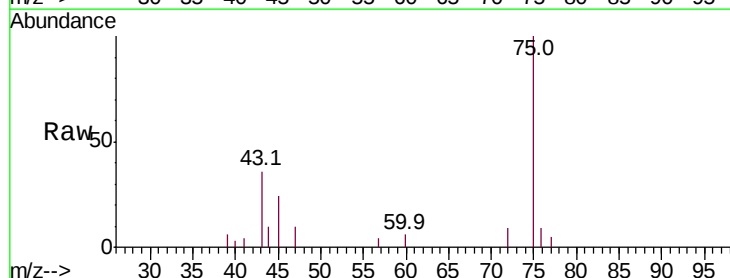
Tgt Ion: 43 Resp: 4501

Ion Ratio Lower Upper

43 100

61 6.6 10.4 15.6#

70 0.0 7.3 10.9#



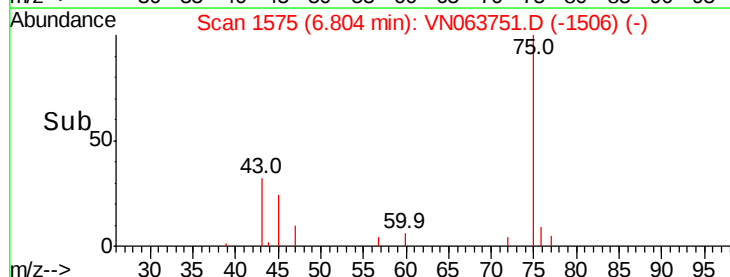
Abundance Ion 43.00 (42.70 to 43.70): VN0

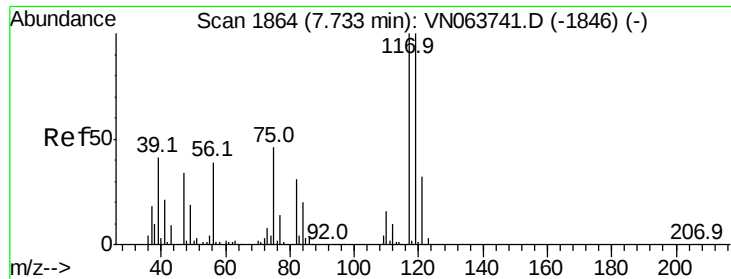
Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0

6.80

Time-->

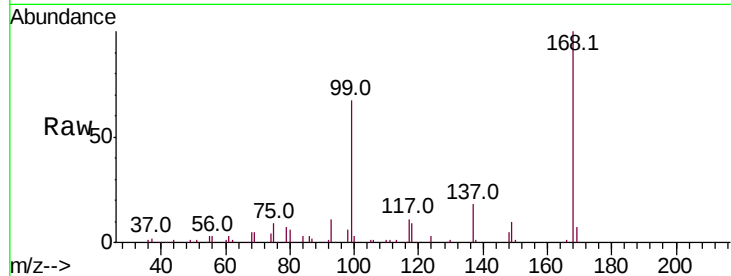




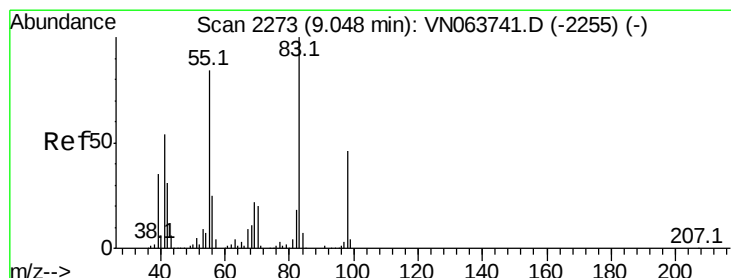
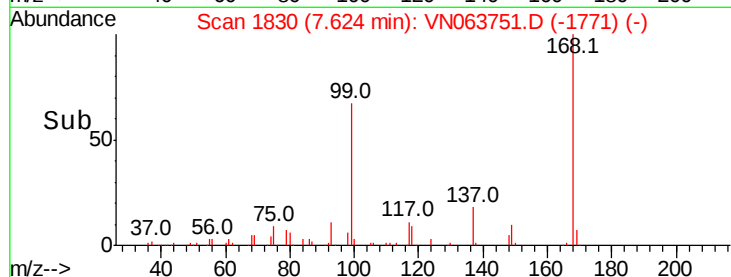
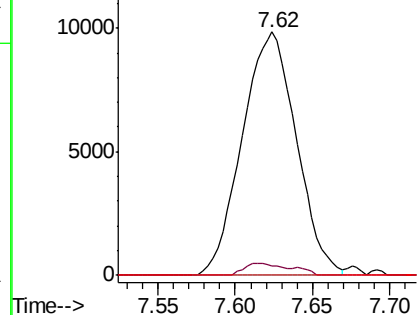
#38
Carbon Tetrachloride
Concen: 5.402 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-3

Tot Ion:117 Resp: 23958
Ion Ratio Lower Upper
117 100
119 3.9 80.1 120.1#
121 0.0 25.7 38.5#

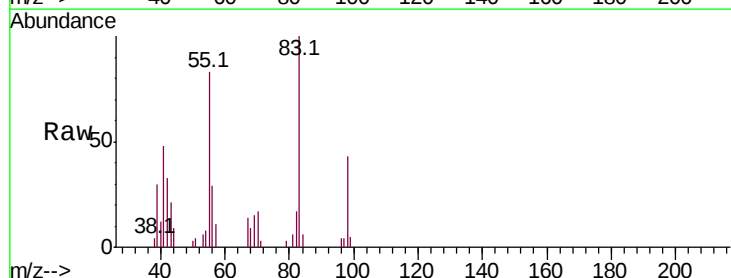


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

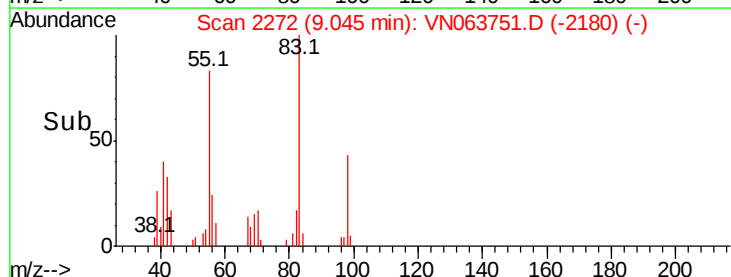
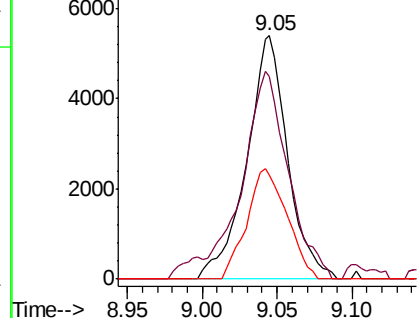


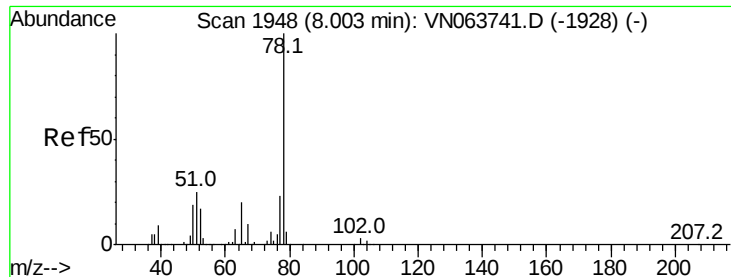
#39
Methylcyclohexane
Concen: 2.605 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

Tgt Ion: 83 Resp: 10274
Ion Ratio Lower Upper
83 100
55 83.4 67.1 100.7
98 42.7 36.6 54.8



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





#40

Benzene

Concen: 3.895 ug/l

RT: 8.00 min Scan# 1946

Delta R.T. -0.01 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

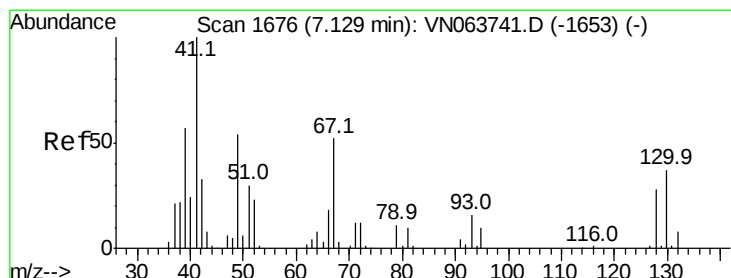
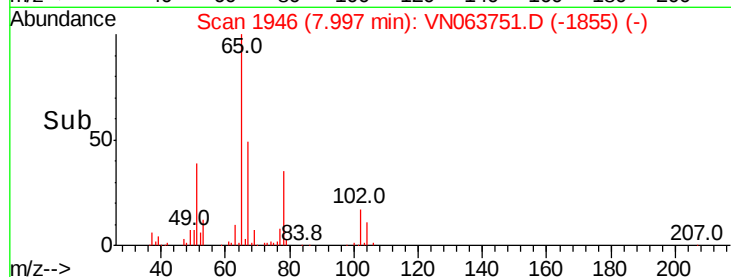
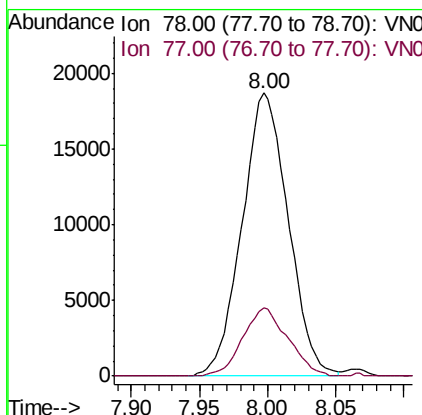
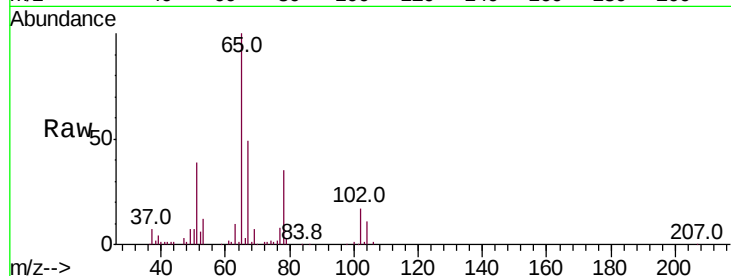
DRUM-COMP-3

Tot Ion: 78 Resp: 44007

Ion Ratio Lower Upper

78 100

77 24.1 18.7 28.1



#41

Methacrylonitrile

Concen: 0.215 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.04 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

Tgt Ion: 41 Resp: 376

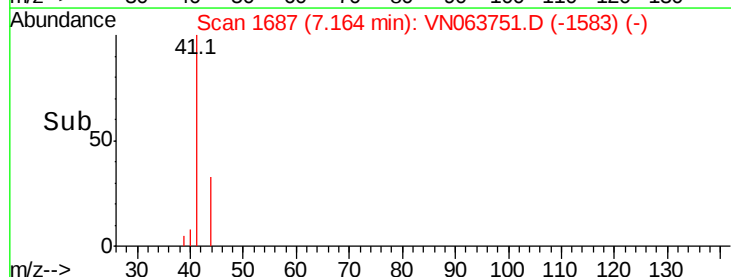
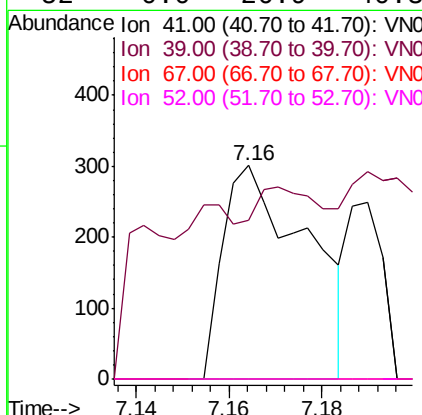
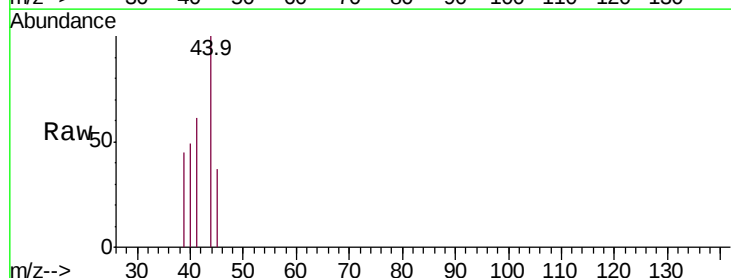
Ion Ratio Lower Upper

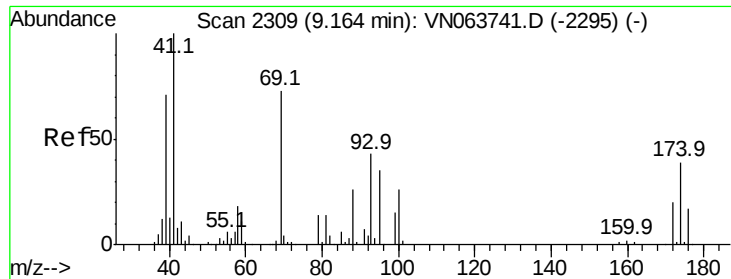
41 100

39 0.0 42.5 63.7#

67 0.0 57.4 86.2#

52 0.0 26.9 40.3#





#49

1,4-Dioxane

Concen: 2.197 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.01 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-3

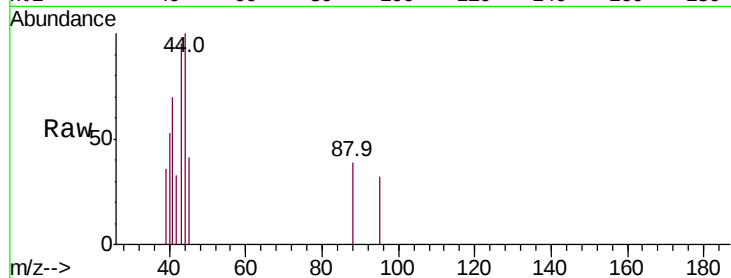
Tot Ion: 88 Resp: 100

Ion Ratio Lower Upper

88 100

43 168.0 33.1 49.7#

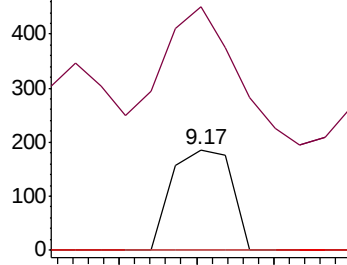
58 0.0 58.9 88.3#



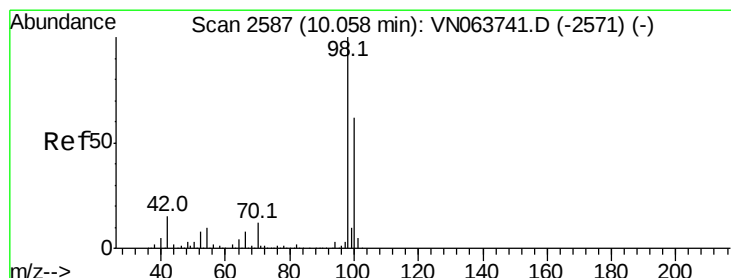
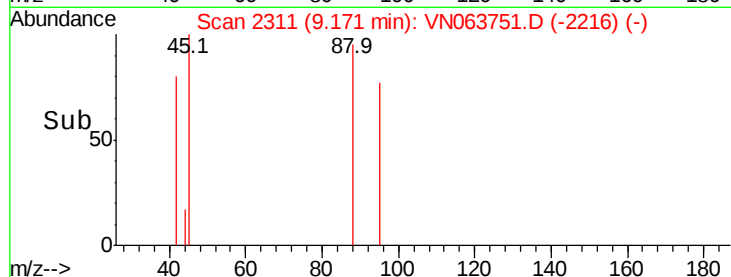
Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#50

Toluene-d8

Concen: 48.311 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063751.D

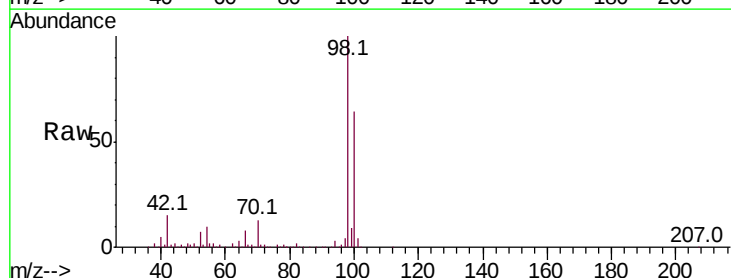
Acq: 30 Sep 2020 15:55

Tgt Ion: 98 Resp: 496148

Ion Ratio Lower Upper

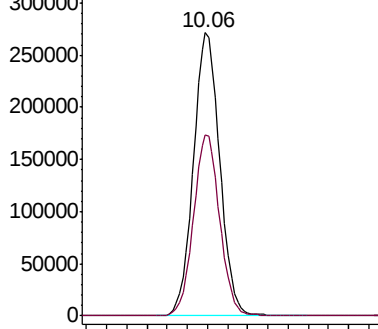
98 100

100 63.6 49.8 74.6

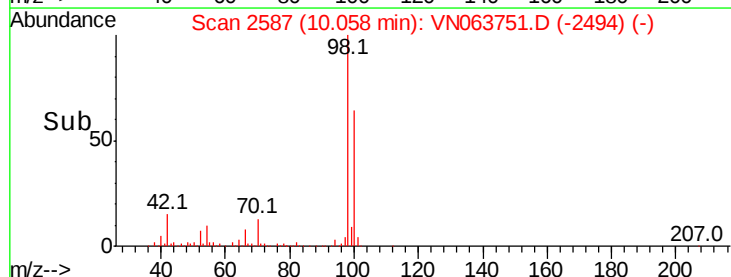


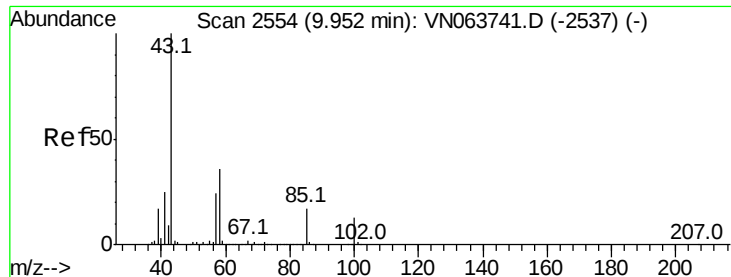
Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.871 ug/l

RT: 9.97 min Scan# 2559

Delta R.T. 0.02 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

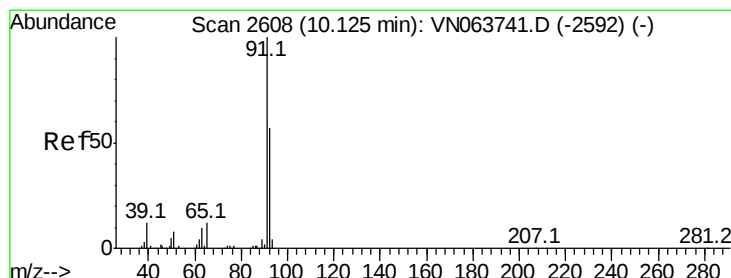
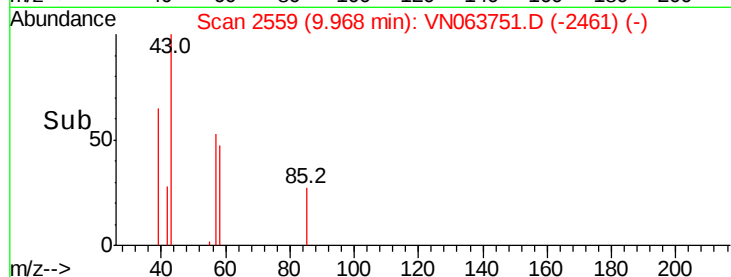
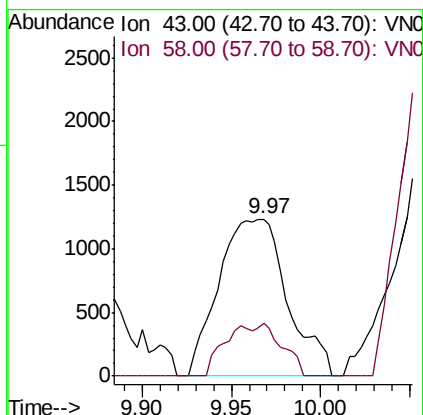
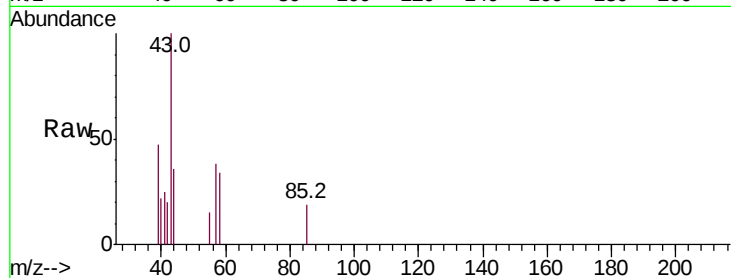
DRUM-COMP-3

Tot Ion: 43 Resp: 3313

Ion Ratio Lower Upper

43 100

58 14.0 28.4 42.6#



#52

Toluene

Concen: 13.033 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063751.D

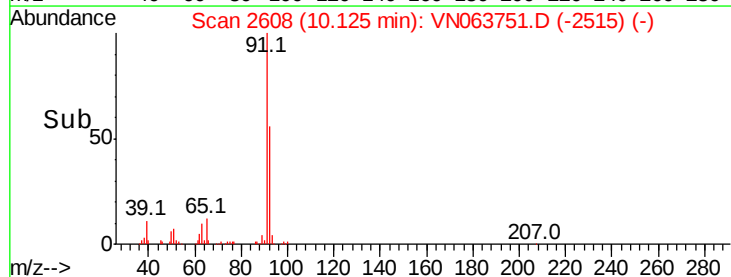
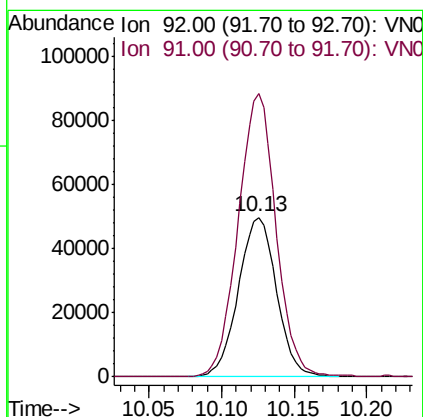
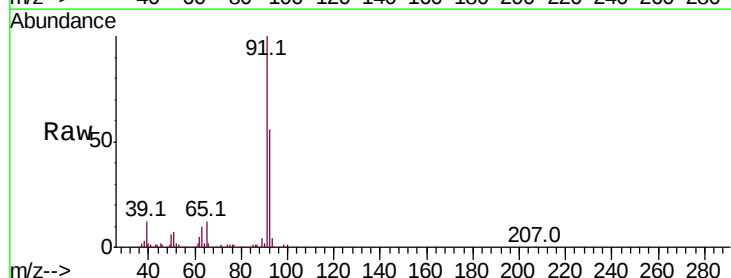
Acq: 30 Sep 2020 15:55

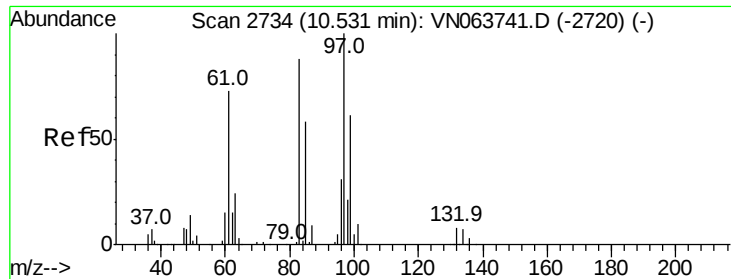
Tgt Ion: 92 Resp: 91078

Ion Ratio Lower Upper

92 100

91 176.5 140.6 210.8

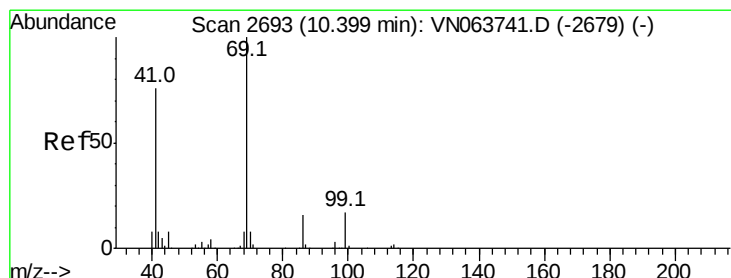
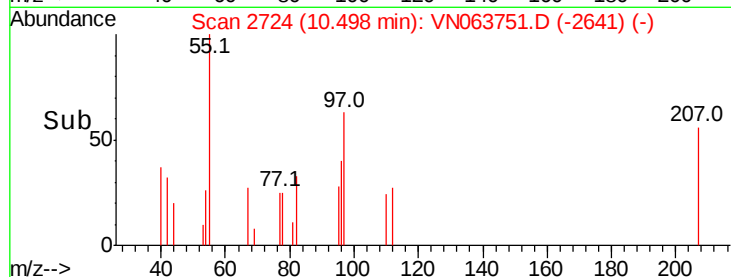
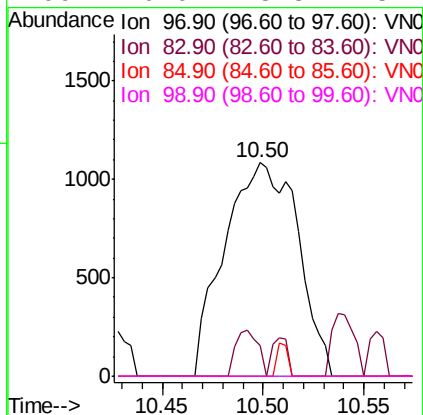
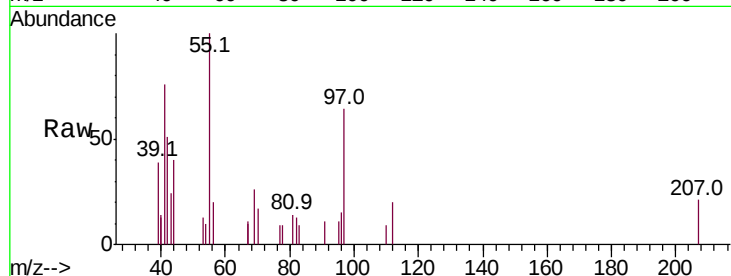




#55
 1,1,2-Trichloroethane
 Concen: 0.977 ug/l
 RT: 10.50 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN063751.D
 Acq: 30 Sep 2020 15:55

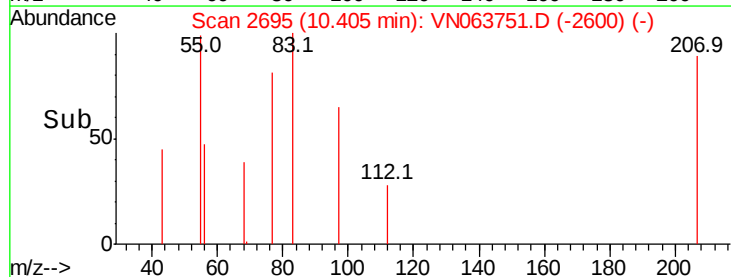
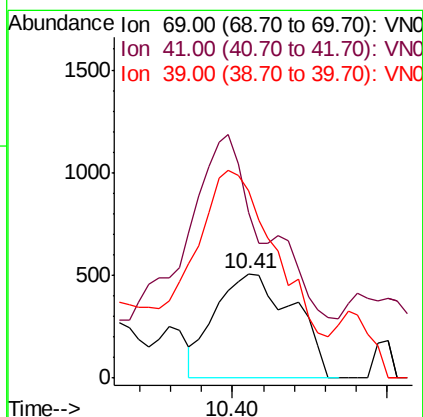
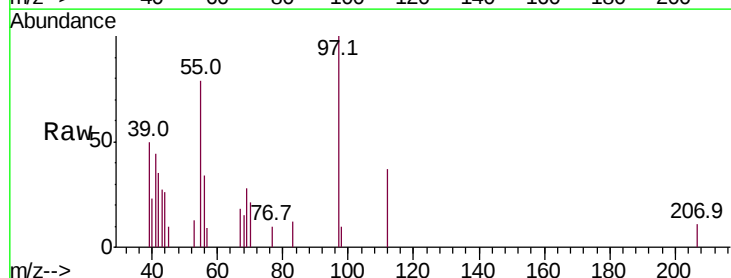
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-3

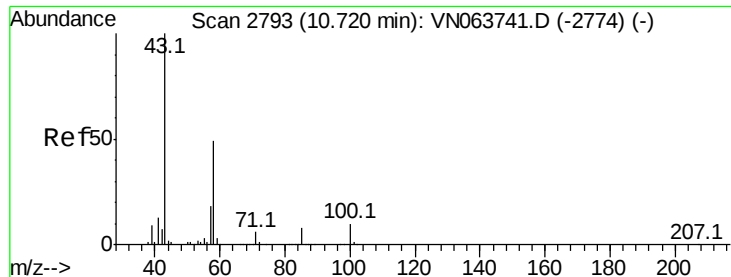
Tot Ion: 97 Resp: 2738
 Ion Ratio Lower Upper
 97 100
 83 14.2 70.7 106.1#
 85 0.0 46.1 69.1#
 99 0.0 48.8 73.2#



#56
 Ethyl methacrylate
 Concen: 0.225 ug/l
 RT: 10.41 min Scan# 2695
 Delta R.T. 0.01 min
 Lab File: VN063751.D
 Acq: 30 Sep 2020 15:55

Tgt Ion: 69 Resp: 892
 Ion Ratio Lower Upper
 69 100
 41 168.2 61.1 91.7#
 39 153.3 42.2 63.4#

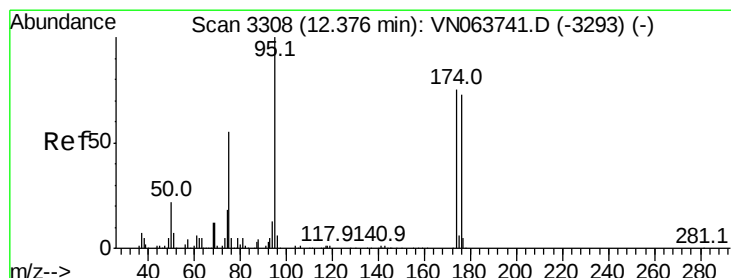
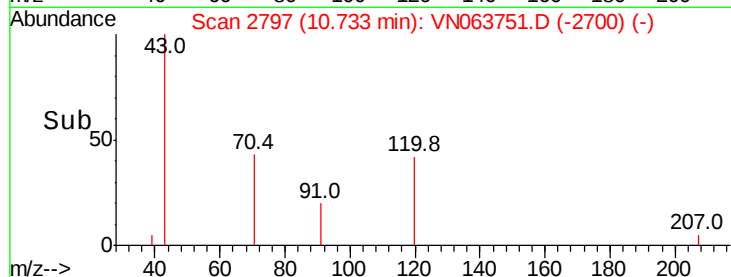
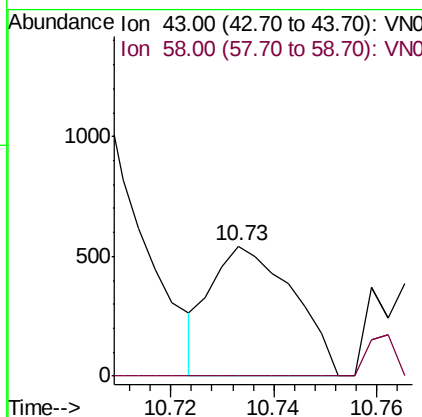
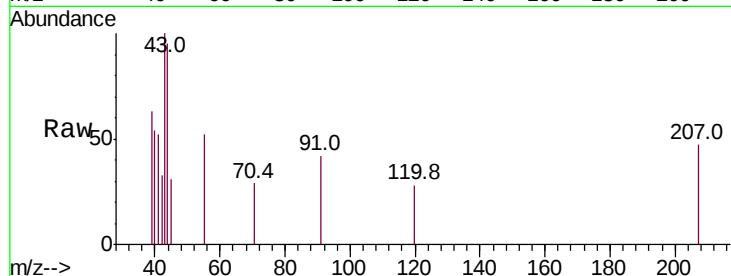




#59
2-Hexanone
Concen: 0.213 ug/l
RT: 10.73 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

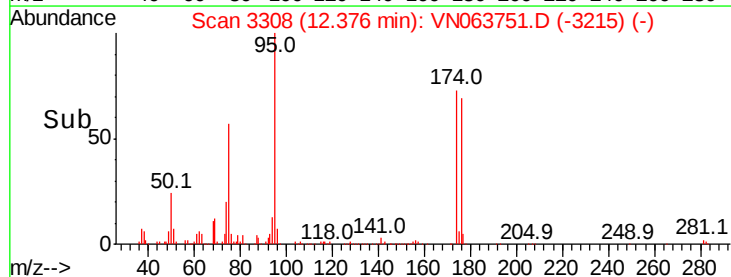
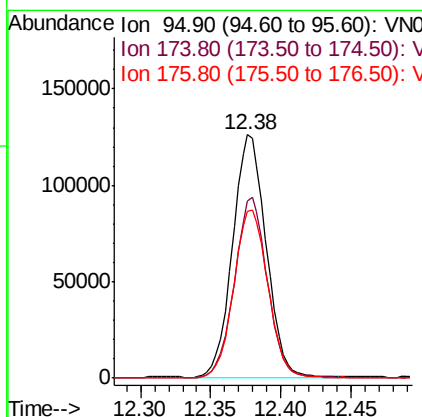
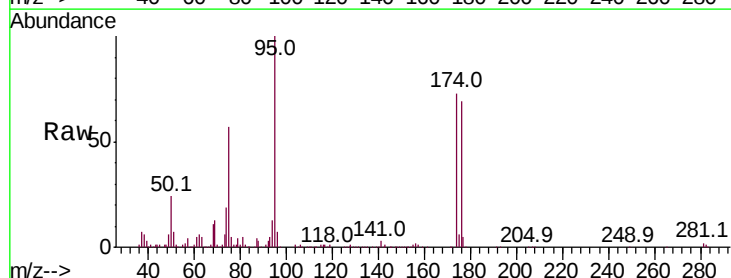
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-3

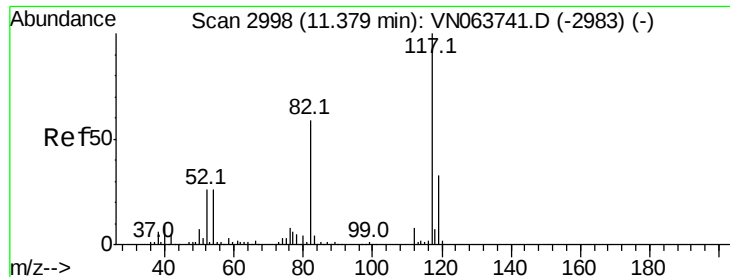
Tot Ion: 43 Resp: 601
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 54.339 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

Tgt Ion: 95 Resp: 209780
Ion Ratio Lower Upper
95 100
174 73.3 0.0 150.6
176 70.9 0.0 145.4

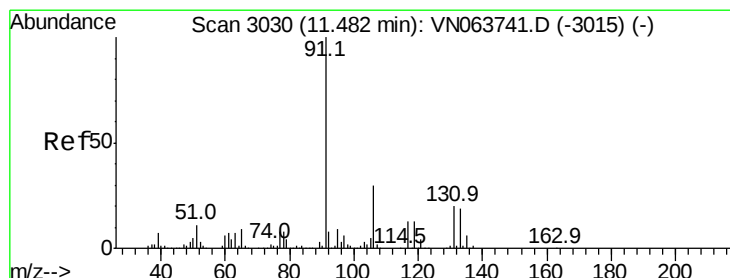
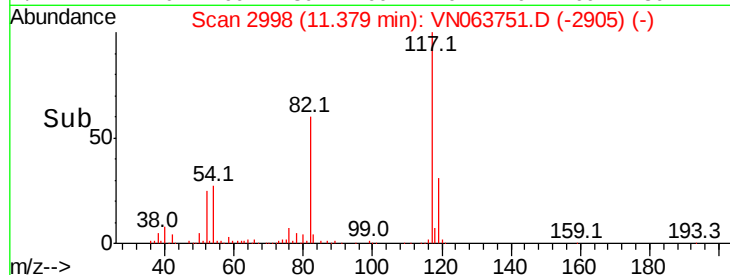
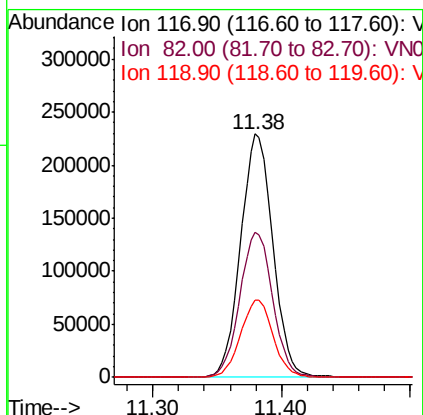
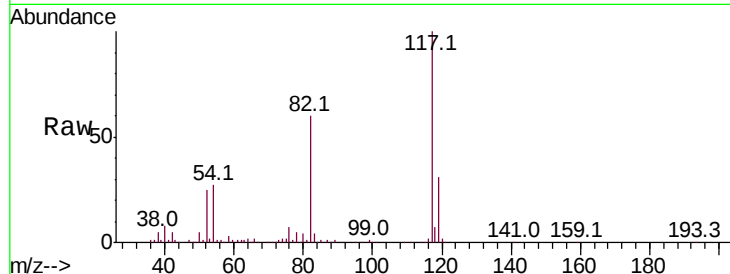




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

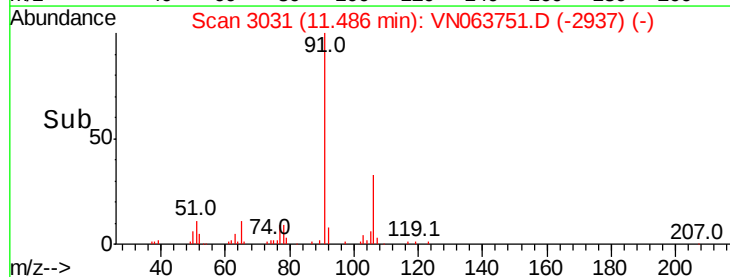
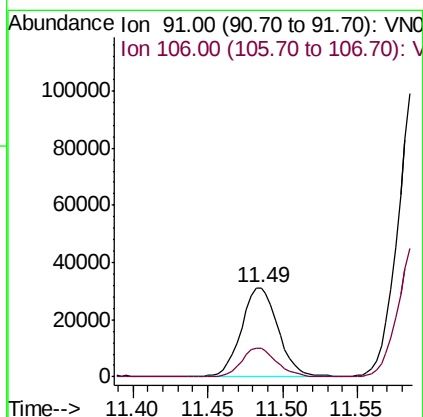
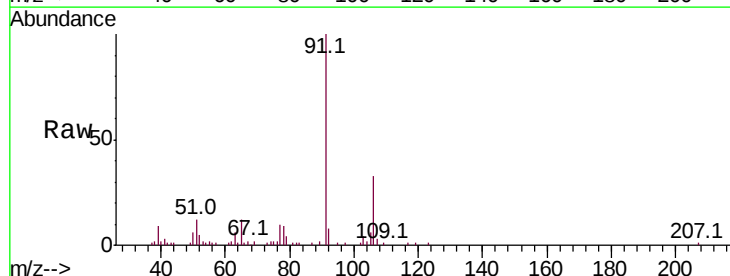
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-3

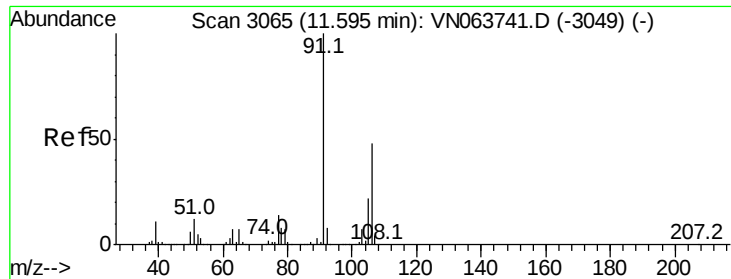
Tot Ion:117 Resp: 399578
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 31.5 26.4 39.6



#67
Ethyl Benzene
Concen: 3.587 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

Tgt Ion: 91 Resp: 53506
Ion Ratio Lower Upper
91 100
106 32.6 24.2 36.2

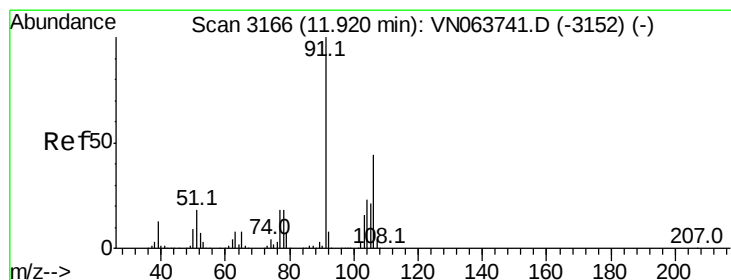
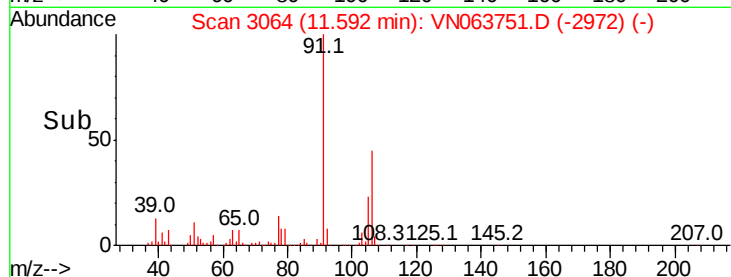
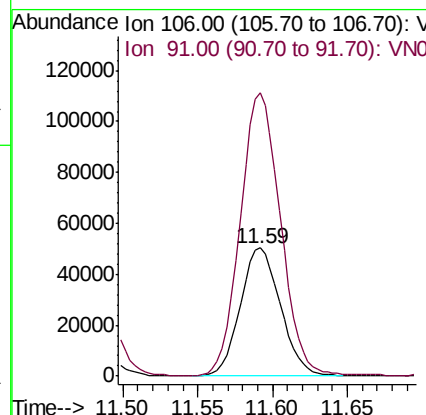
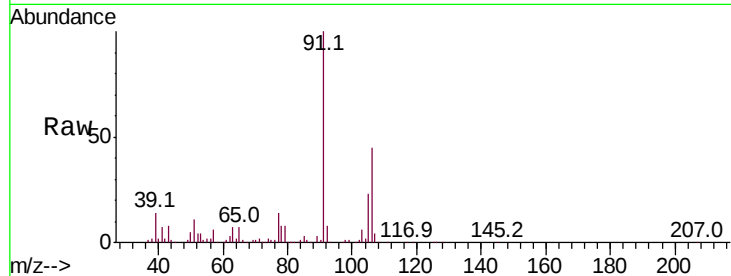




#68
m/p-Xylenes
Concen: 17.023 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

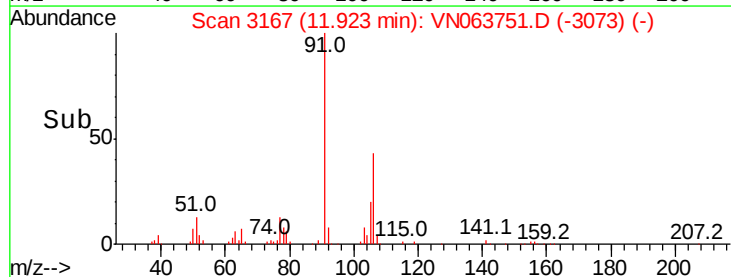
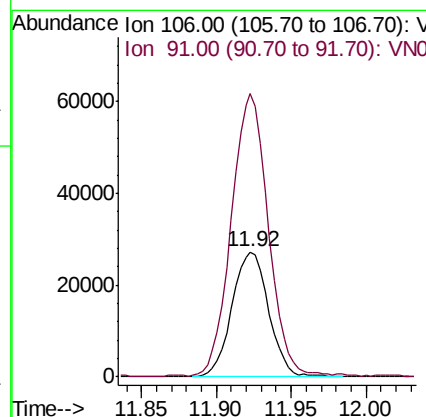
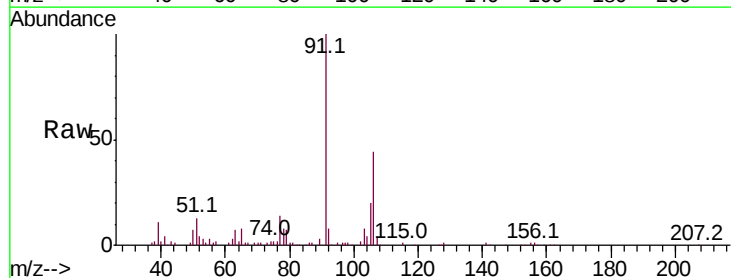
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-3

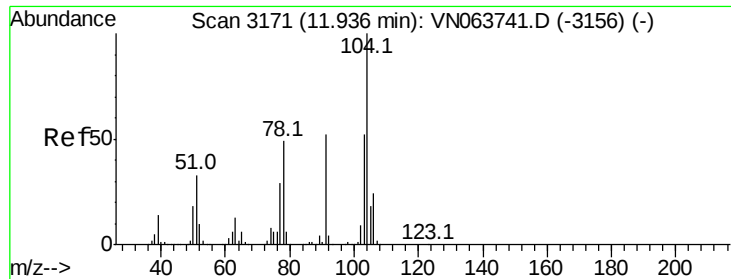
Tot Ion:106 Resp: 94627
Ion Ratio Lower Upper
106 100
91 219.2 168.0 252.0



#69
o-Xylene
Concen: 8.921 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

Tgt Ion:106 Resp: 46350
Ion Ratio Lower Upper
106 100
91 226.3 112.7 338.0

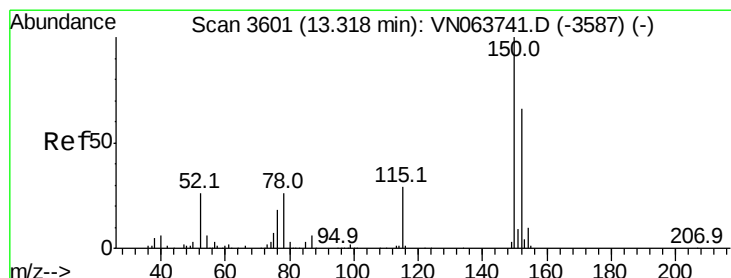
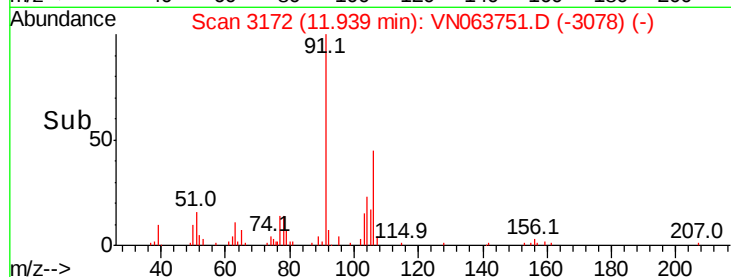
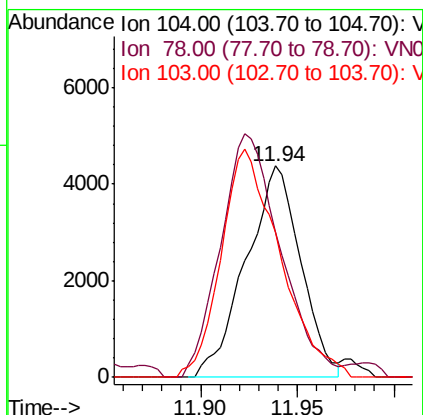
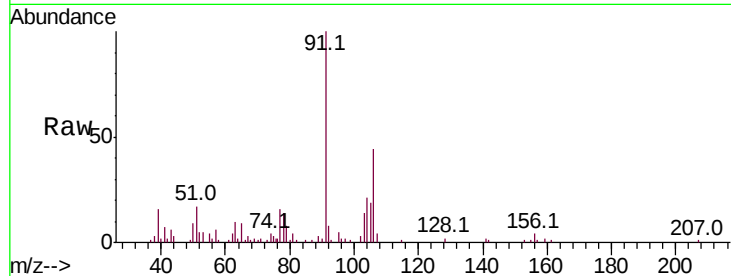




#70
Stvrene
Concen: 0.977 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

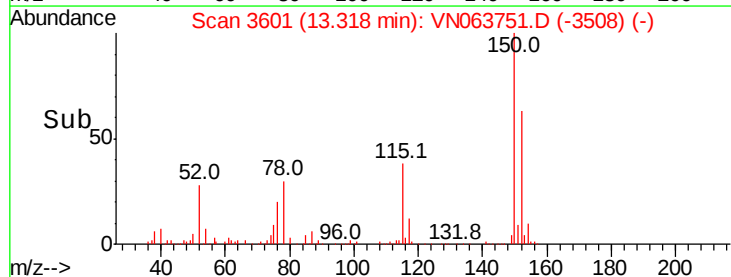
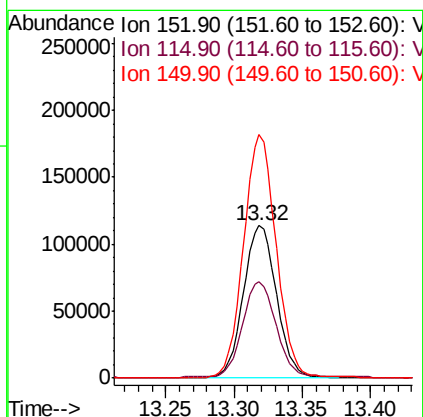
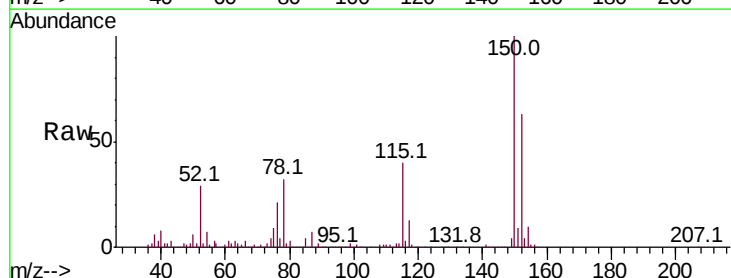
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-3

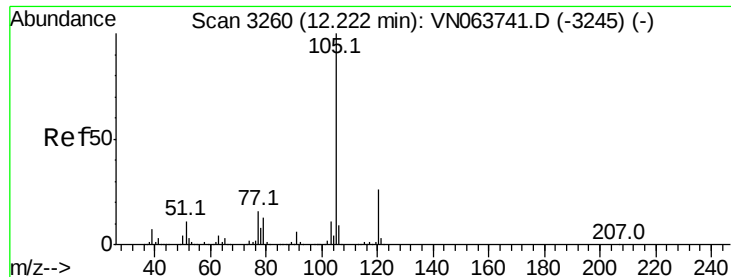
Tot Ion:104 Resp: 8615
Ion Ratio Lower Upper
104 100
78 125.3 44.1 66.1#
103 116.0 44.3 66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

Tgt Ion:152 Resp: 191235
Ion Ratio Lower Upper
152 100
115 62.7 31.3 93.8
150 158.4 0.0 341.8





#73

Isopropylbenzene

Concen: 0.624 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

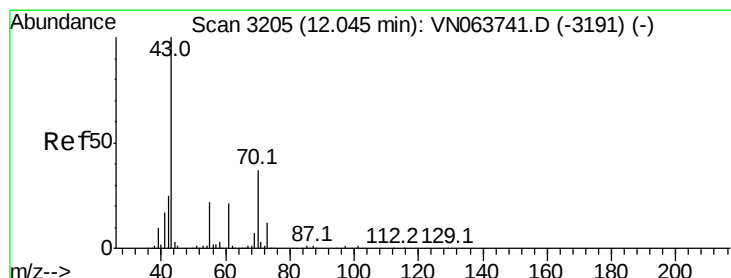
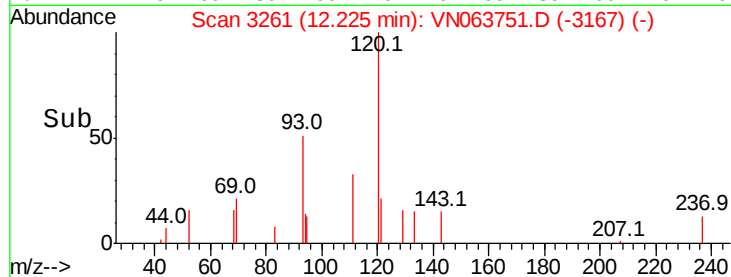
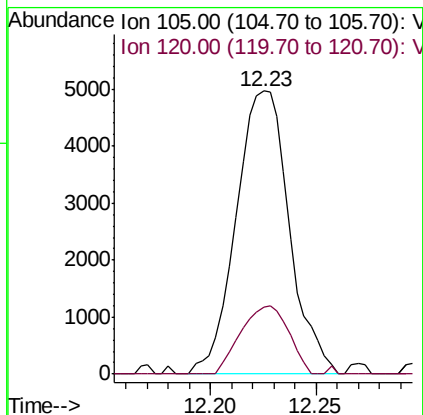
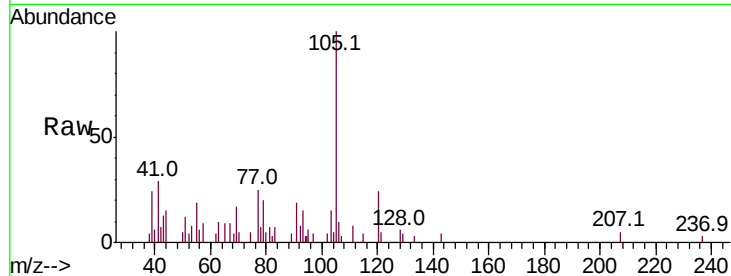
DRUM-COMP-3

Tot Ion:105 Resp: 8703

Ion Ratio Lower Upper

105 100

120 21.7 12.6 37.8



#74

N-ethyl acetate

Concen: 2.326 ug/l

RT: 12.07 min Scan# 3214

Delta R.T. 0.03 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

Tgt Ion: 43 Resp: 748

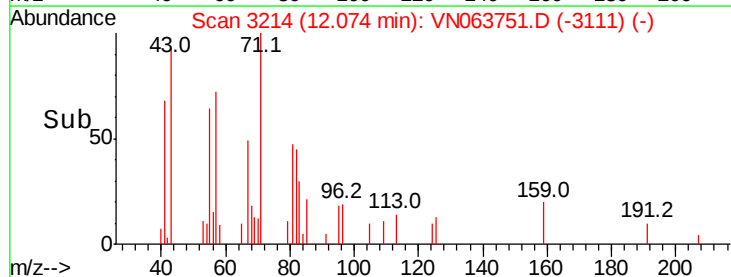
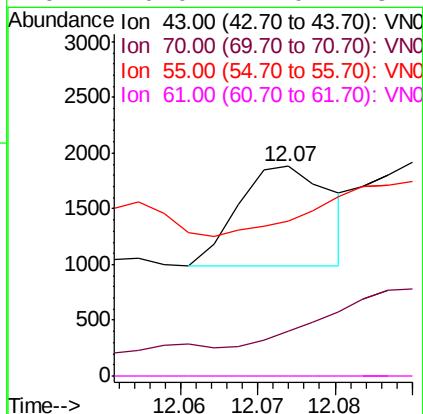
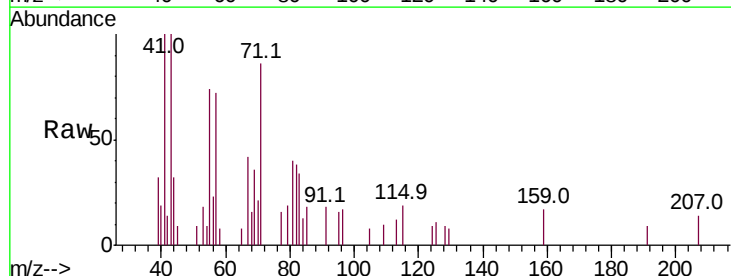
Ion Ratio Lower Upper

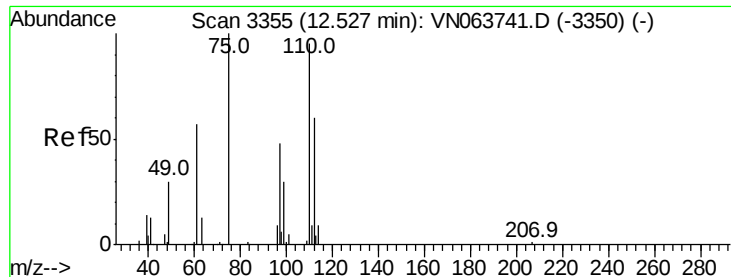
43 100

70 0.0 29.8 44.8#

55 64.7 17.9 26.9#

61 0.0 17.0 25.4#





#76

1,2,3-Trichloropropane

Concen: 28.188 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

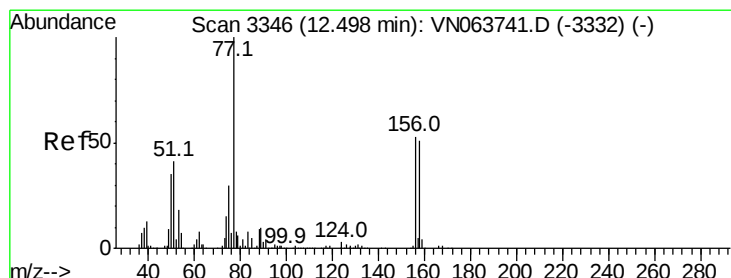
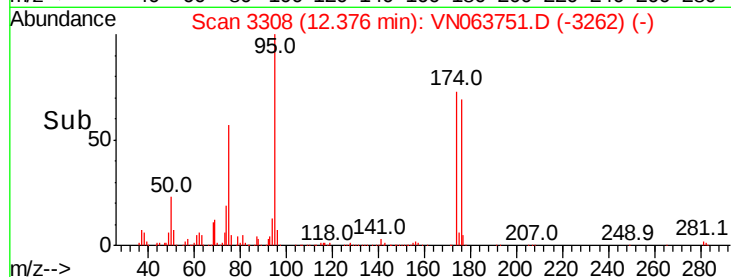
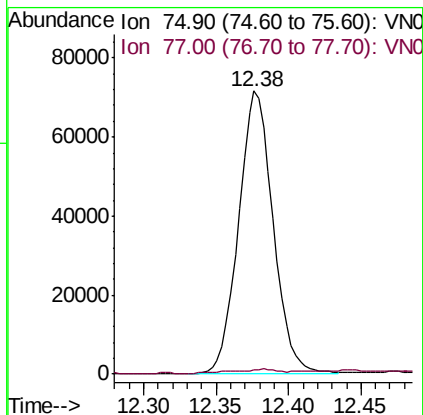
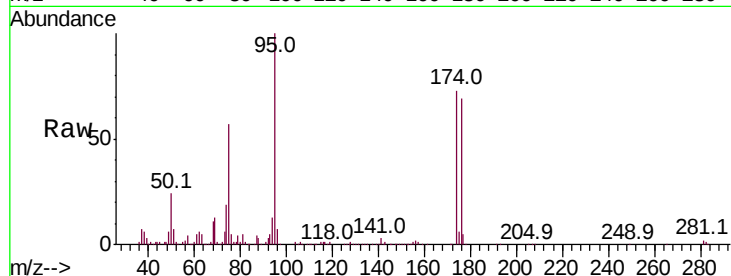
DRUM-COMP-3

Tot Ion: 75 Resp: 118828

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#77

Bromobenzene

Concen: 5.148 ug/l

RT: 12.41 min Scan# 3320

Delta R.T. -0.08 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

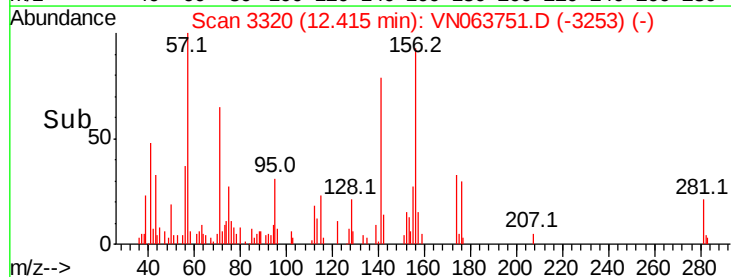
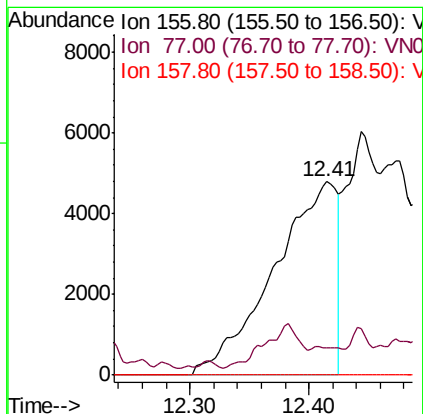
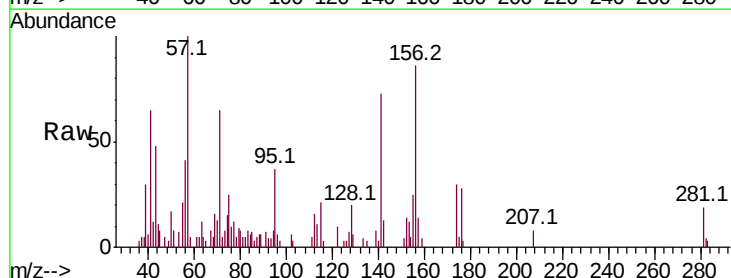
Tgt Ion: 156 Resp: 17619

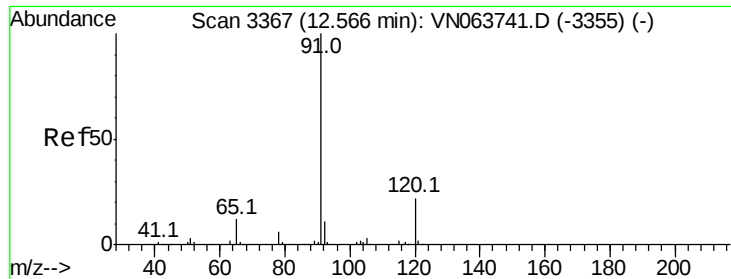
Ion Ratio Lower Upper

156 100

77 0.0 110.9 332.7#

158 0.0 47.7 143.1#





#78

n-propylbenzene

Concen: 1.155 ug/l

RT: 12.57 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

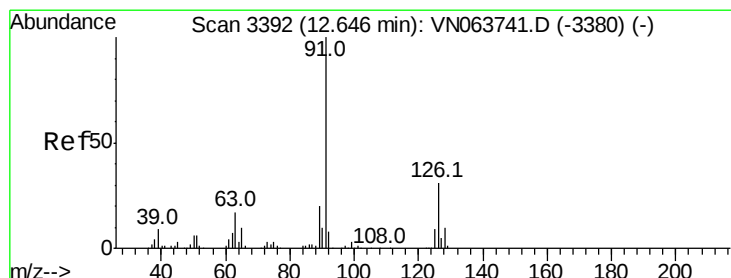
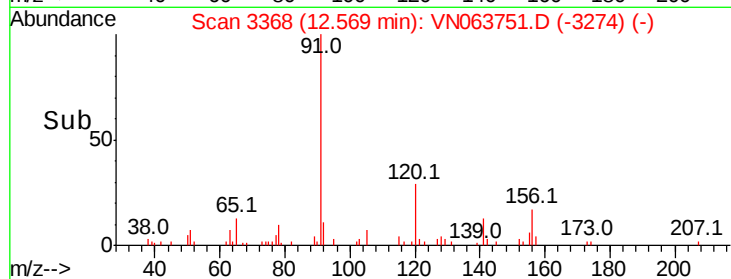
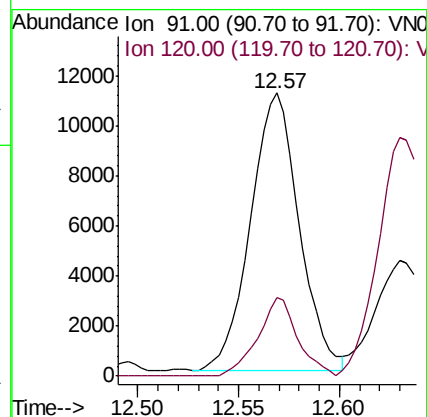
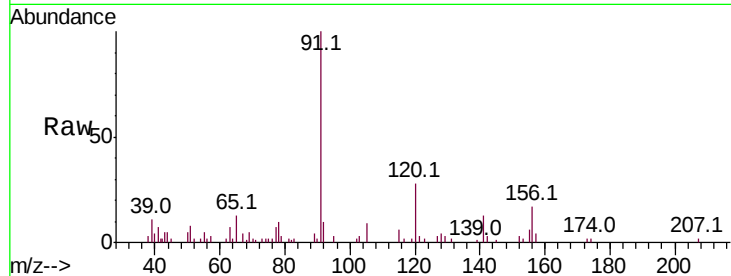
DRUM-COMP-3

Tot Ion: 91 Resp: 18755

Ion Ratio Lower Upper

91 100

120 23.1 11.1 33.1



#79

2-Chlorotoluene

Concen: 0.655 ug/l

RT: 12.63 min Scan# 3387

Delta R.T. -0.02 min

Lab File: VN063751.D

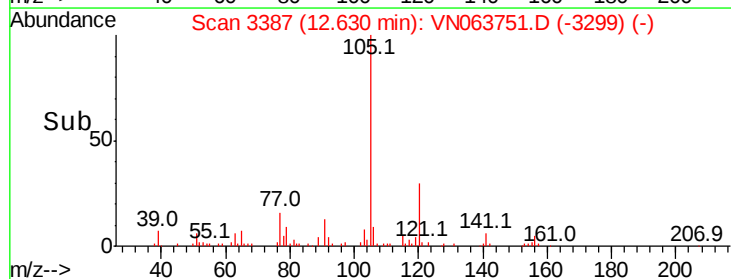
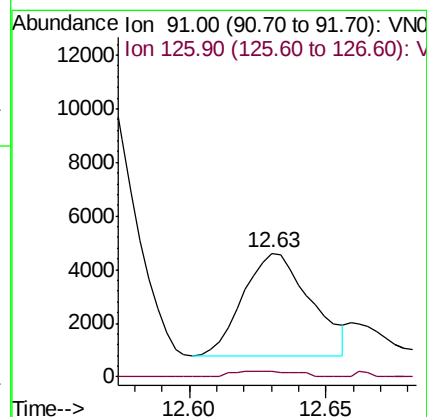
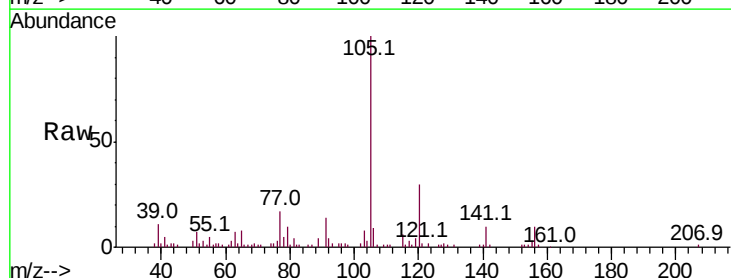
Acq: 30 Sep 2020 15:55

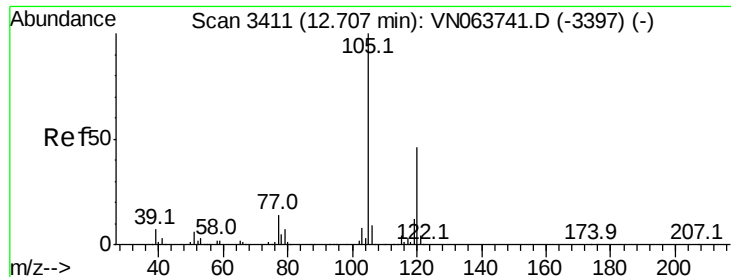
Tgt Ion: 91 Resp: 6542

Ion Ratio Lower Upper

91 100

126 5.2 15.9 47.7#

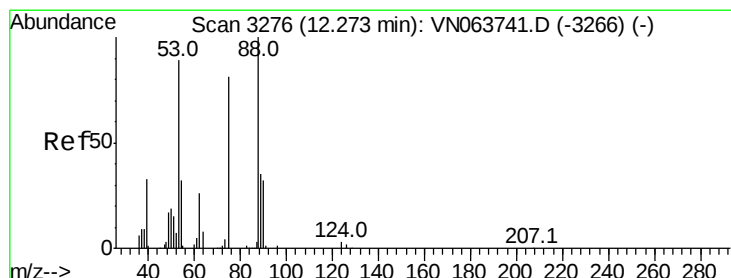
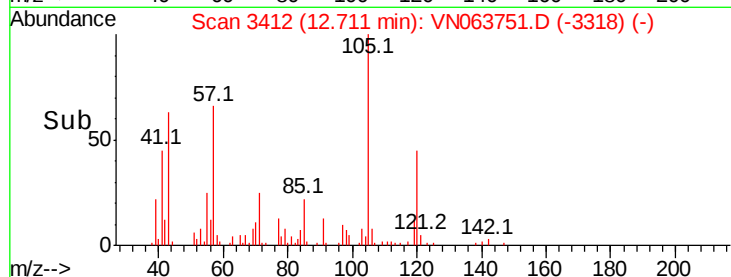
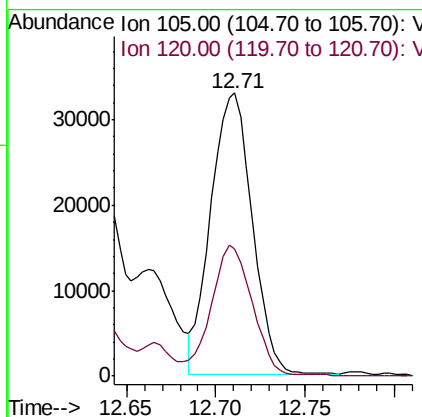
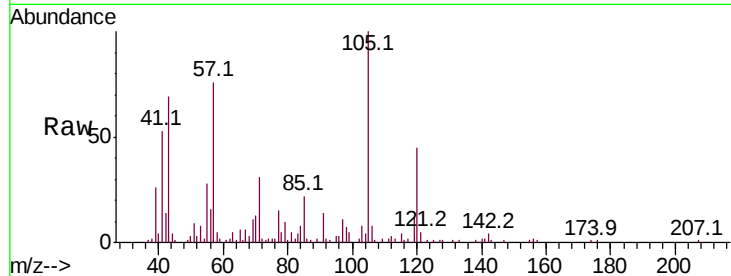




#80
 1,3,5-Trimethylbenzene
 Concen: 4.503 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063751.D
 Acq: 30 Sep 2020 15:55

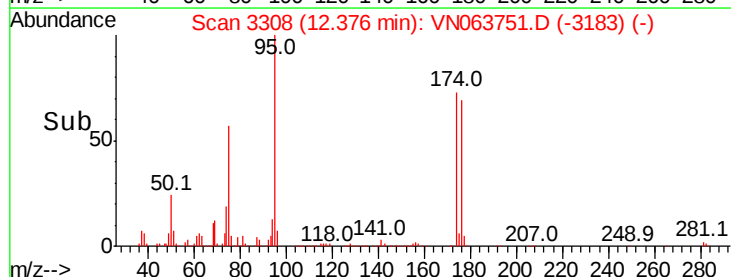
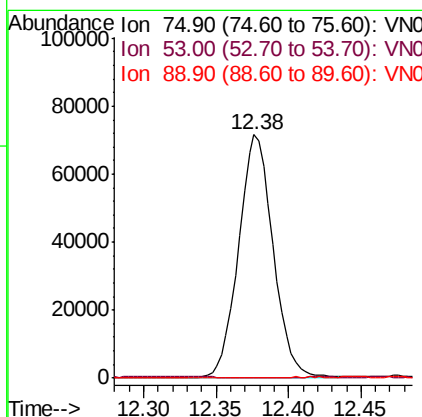
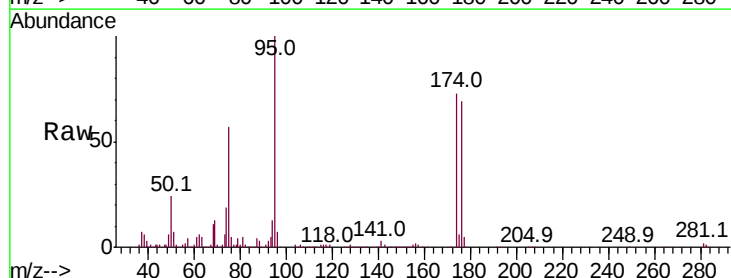
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-3

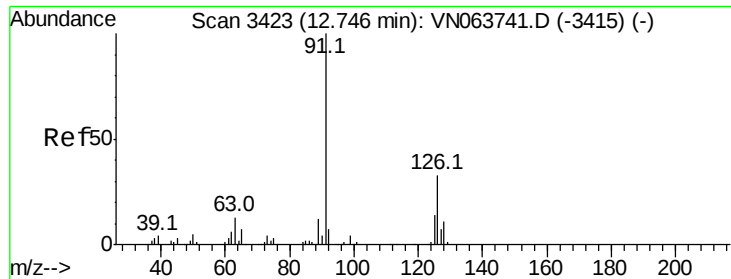
Tot Ion:105 Resp: 52694
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.3 69.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.185 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN063751.D
 Acq: 30 Sep 2020 15:55

Tgt Ion: 75 Resp: 118828
 Ion Ratio Lower Upper
 75 100
 53 0.1 88.2 132.2#
 89 0.3 36.0 54.0#





#82

4-Chlorotoluene

Concen: 0.574 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. -0.04 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampled :

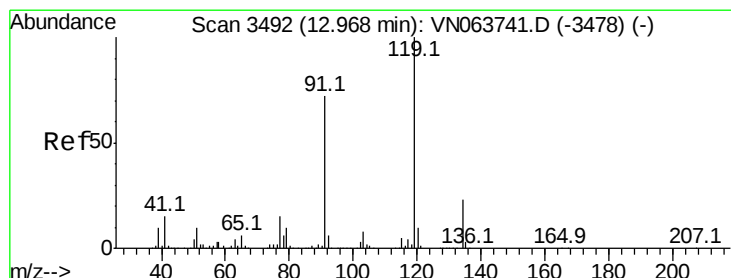
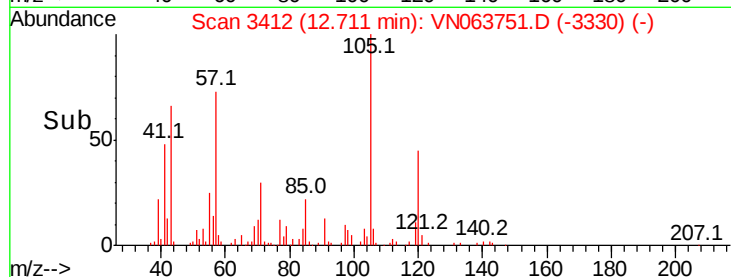
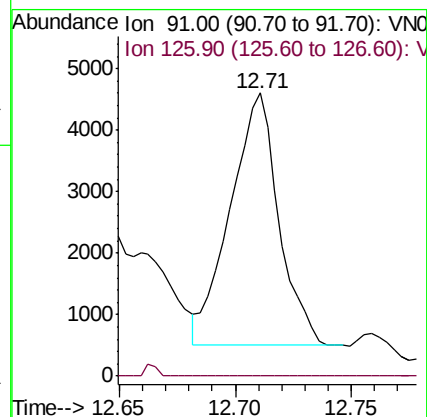
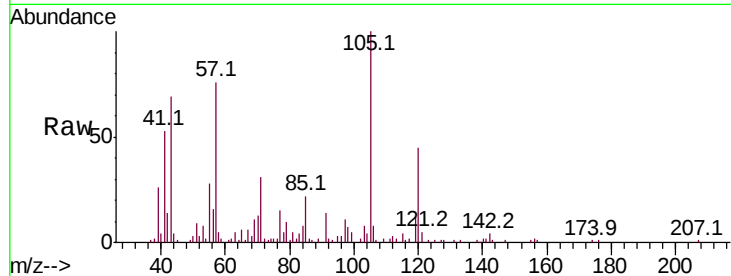
DRUM-COMP-3

Tot Ion: 91 Resp: 5951

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.2#



#83

tert-Butylbenzene

Concen: 0.791 ug/l

RT: 13.21 min Scan# 3567

Delta R.T. 0.24 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

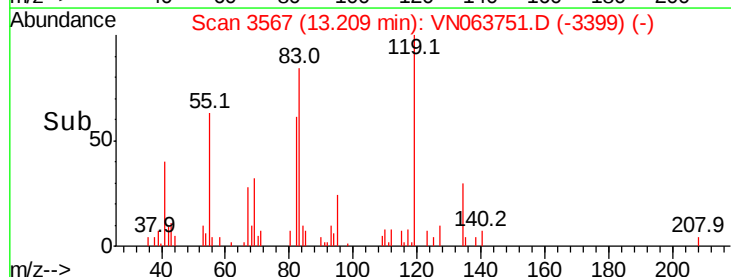
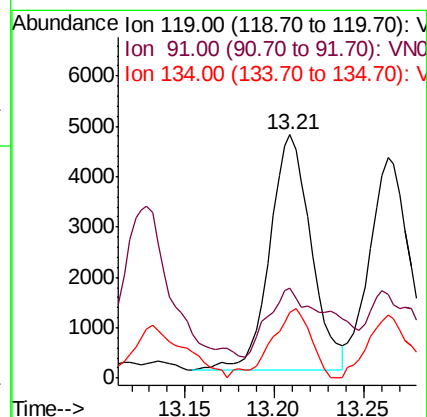
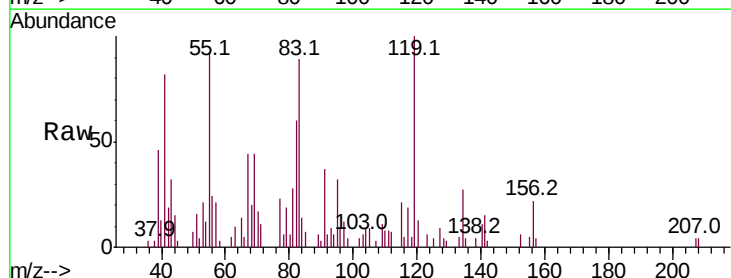
Tgt Ion: 119 Resp: 7575

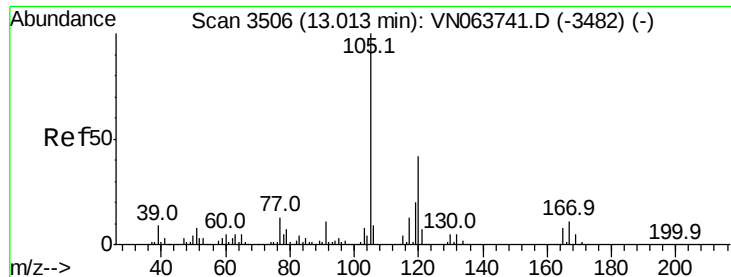
Ion Ratio Lower Upper

119 100

91 43.7 35.5 106.5

134 26.9 11.7 35.1

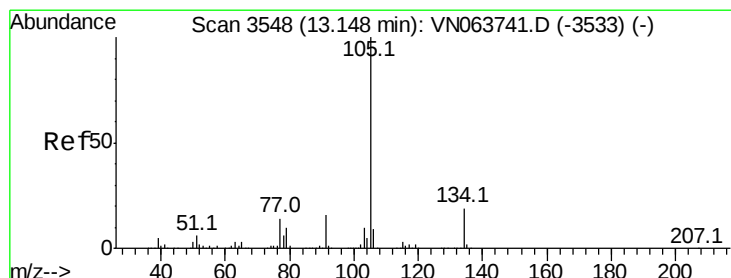
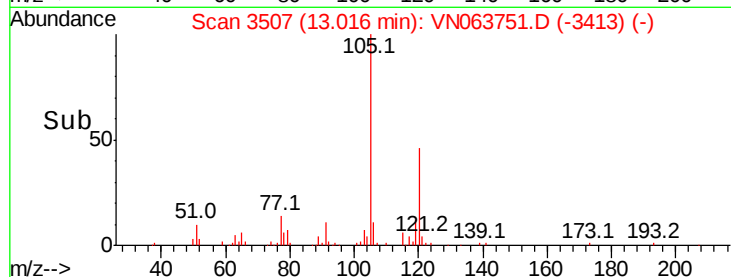
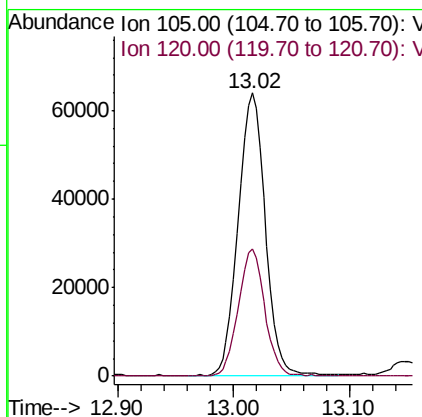
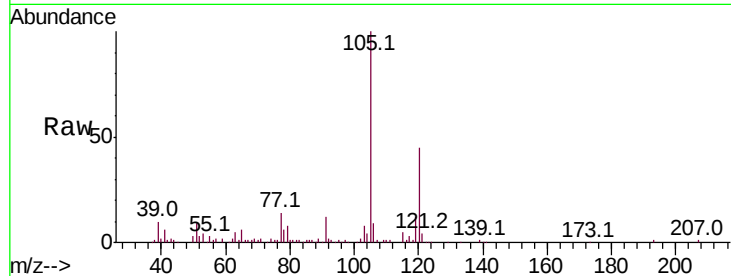




#84
 1,2,4-Trimethylbenzene
 Concen: 8.941 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063751.D
 Acq: 30 Sep 2020 15:55

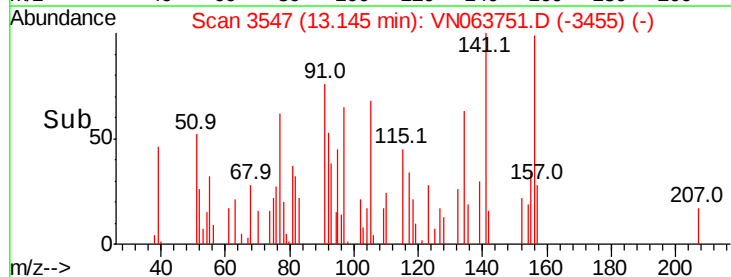
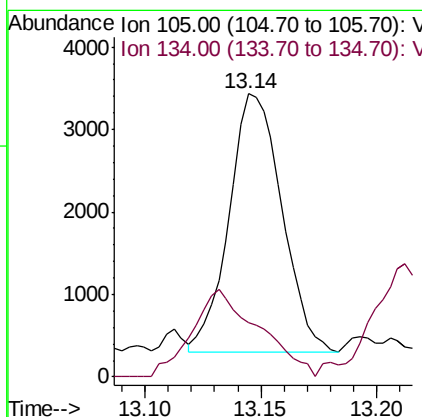
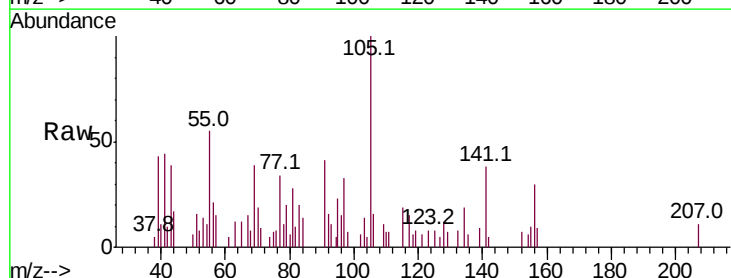
Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-COMP-3

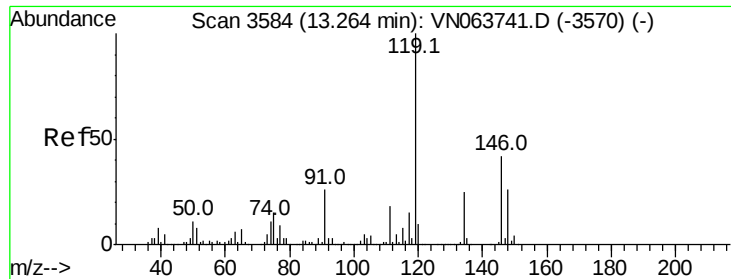
Tot Ion:105 Resp: 104464
 Ion Ratio Lower Upper
 105 100
 120 43.4 20.9 62.7



#85
 sec-Butylbenzene
 Concen: 0.391 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN063751.D
 Acq: 30 Sep 2020 15:55

Tgt Ion:105 Resp: 4922
 Ion Ratio Lower Upper
 105 100
 134 43.3 9.5 28.5#

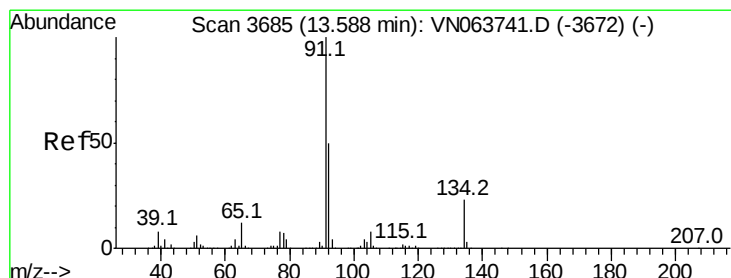
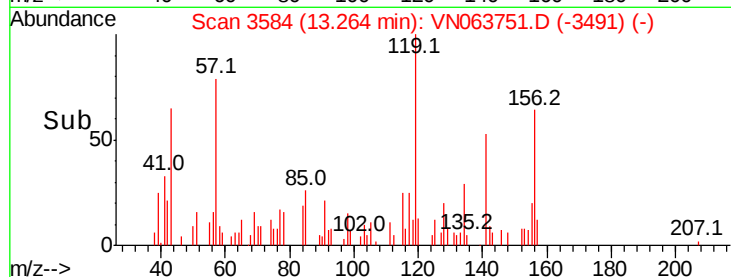
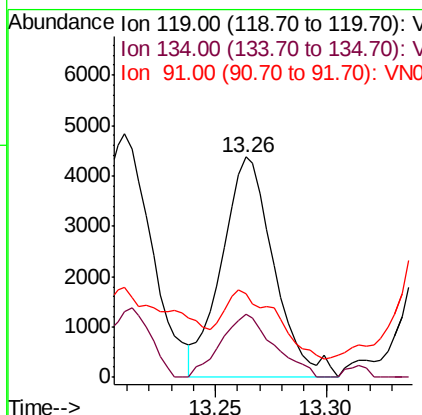
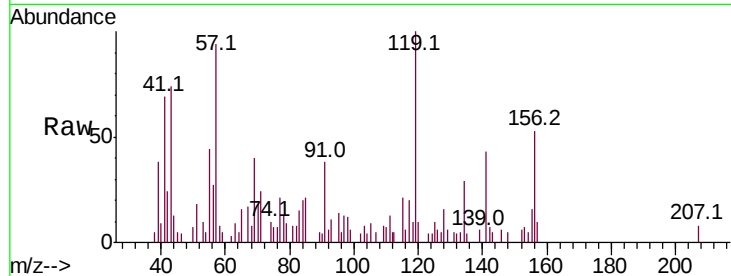




#86
p-Isopropyltoluene
Concen: 0.643 ug/l
RT: 13.26 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

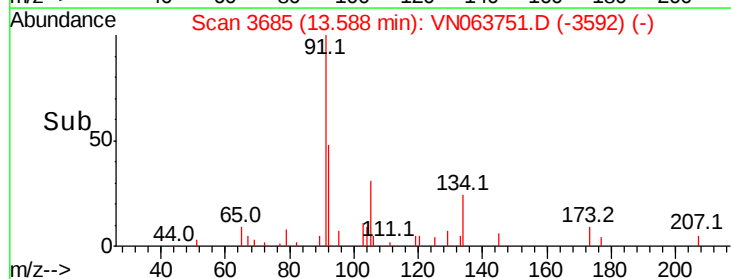
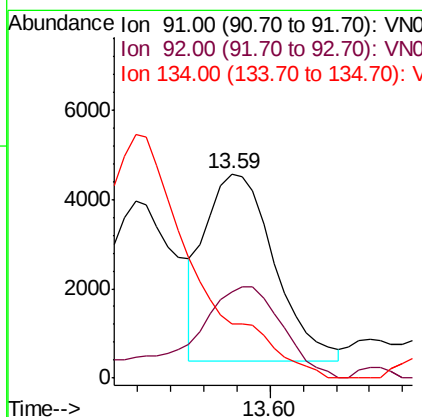
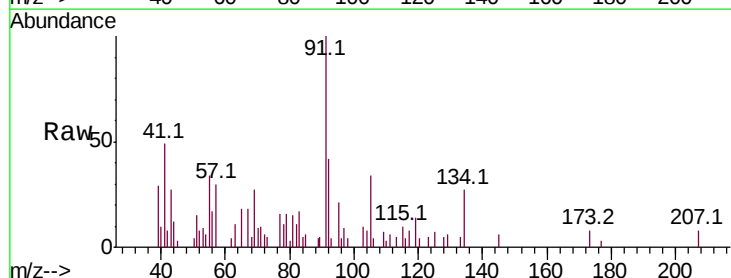
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-3

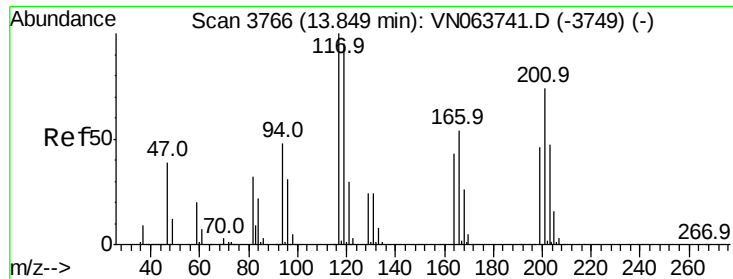
Tot Ion:119 Resp: 7152
Ion Ratio Lower Upper
119 100
134 29.1 12.6 37.8
91 31.7 13.4 40.2



#89
n-Butylbenzene
Concen: 0.591 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

Tgt Ion: 91 Resp: 6070
Ion Ratio Lower Upper
91 100
92 68.6 25.4 76.4
134 0.0 11.7 35.1#





#90

Hexachloroethane

Concen: 0.733 ug/l

RT: 13.86 min Scan# 3771

Delta R.T. 0.02 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

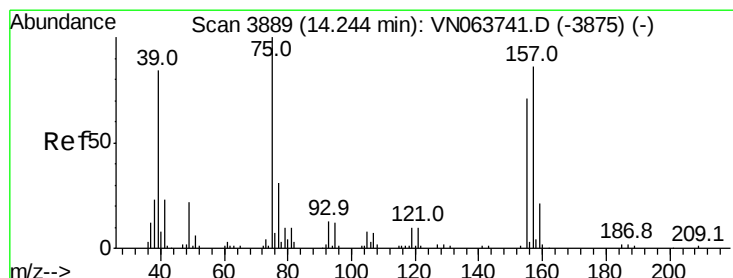
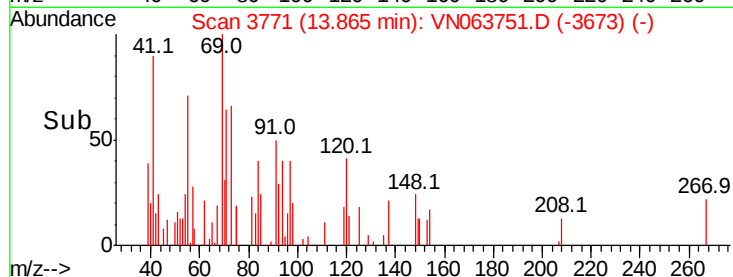
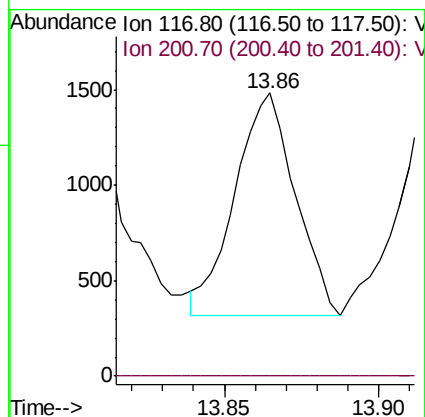
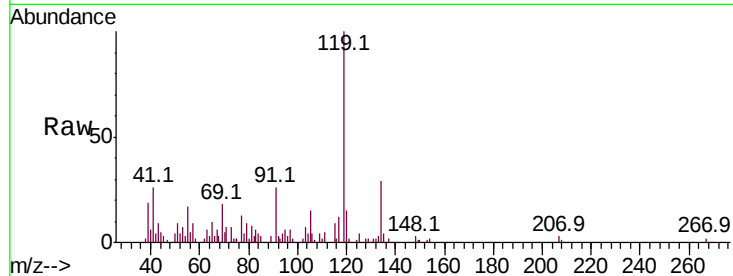
DRUM-COMP-3

Tot Ion:117 Resp: 1580

Ion Ratio Lower Upper

117 100

201 0.0 36.0 108.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.293 ug/l

RT: 14.22 min Scan# 3883

Delta R.T. -0.02 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

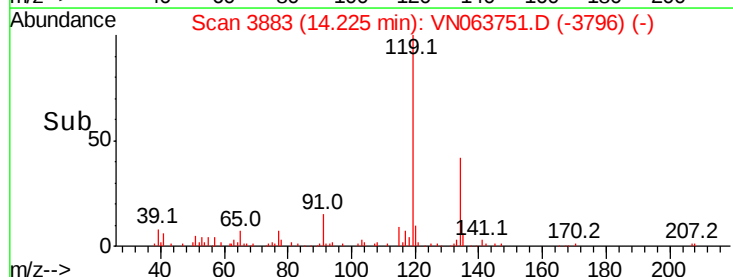
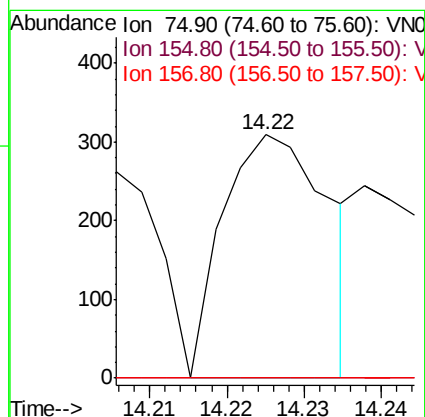
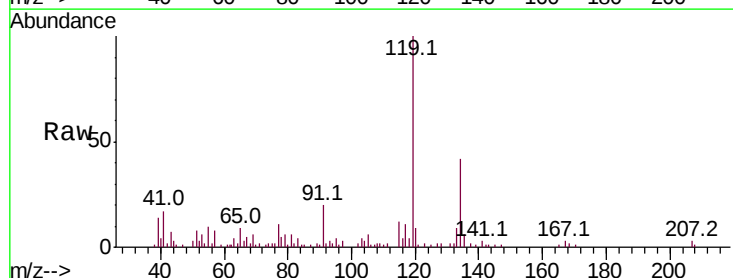
Tgt Ion: 75 Resp: 293

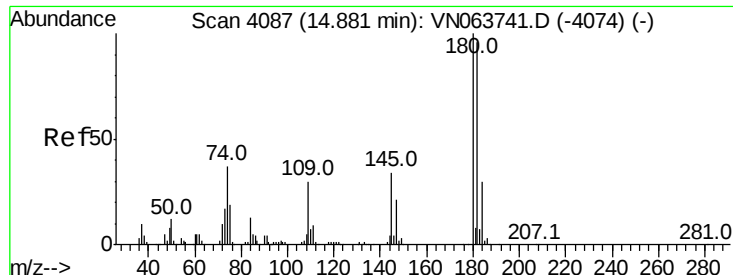
Ion Ratio Lower Upper

75 100

155 0.0 34.8 104.5#

157 0.0 43.7 131.1#

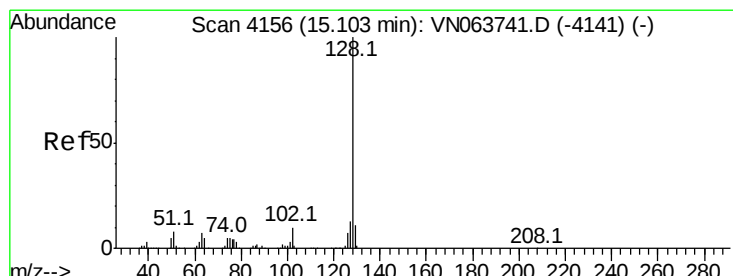
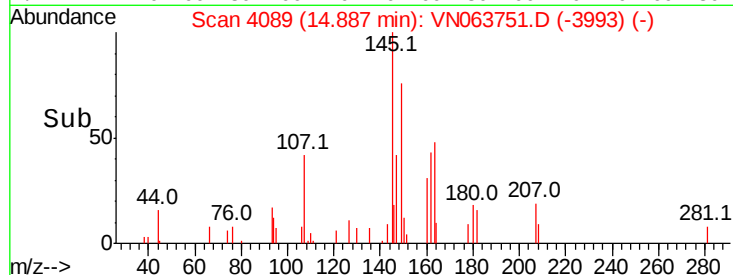
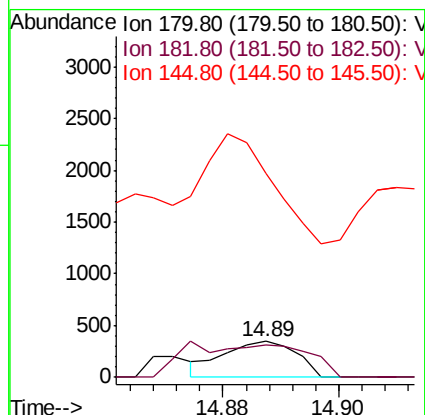
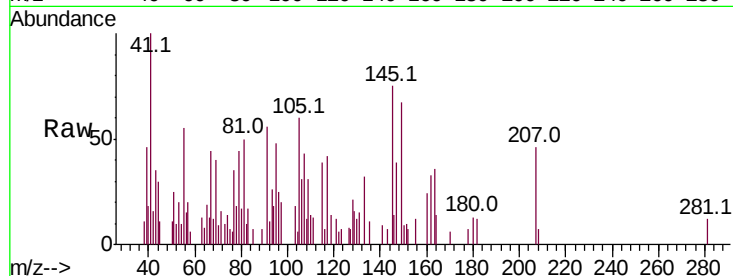




#93
 1,2,4-Trichlorobenzene
 Concen: 1.824 ug/l
 RT: 14.89 min Scan# 4089
 Delta R.T. 0.01 min
 Lab File: VN063751.D
 Acq: 30 Sep 2020 15:55

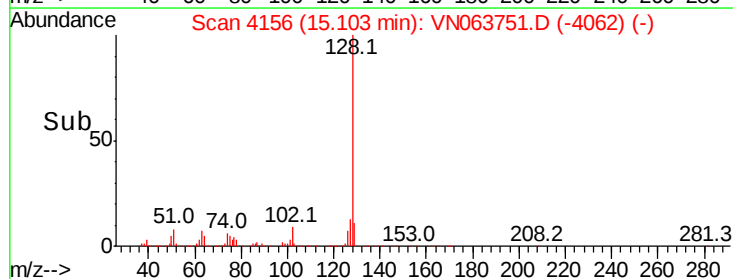
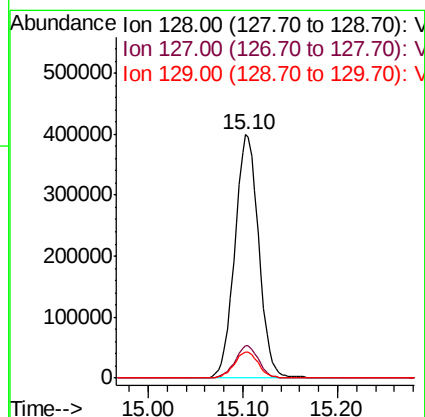
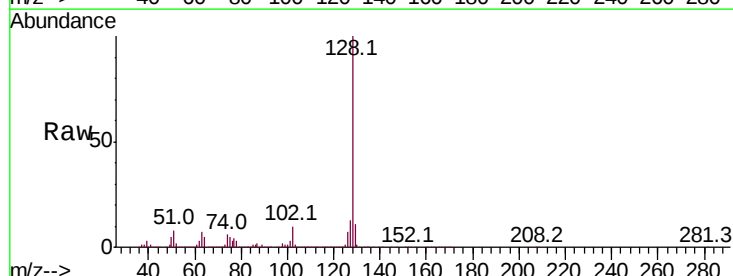
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-3

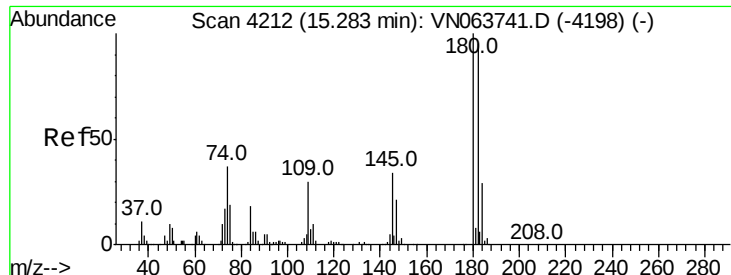
Tot Ion:180 Resp: 302
 Ion Ratio Lower Upper
 180 100
 182 66.9 48.2 144.6
 145 840.4 17.1 51.2#



#95
 Naphthalene
 Concen: 66.984 ug/l
 RT: 15.10 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN063751.D
 Acq: 30 Sep 2020 15:55

Tgt Ion:128 Resp: 698196
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.5 15.7
 129 10.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.727 ug/l
 RT: 15.29 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN063751.D
 Acq: 30 Sep 2020 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-3

Tot Ion:180 Resp: 530
 Ion Ratio Lower Upper
 180 100
 182 603.6 47.9 143.6#
 145 0.0 17.2 51.5#

