

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063487.D
 Acq On : 21 Sep 2020 15:45
 Operator : JC/MD
 Sample : L4056-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 229

Quant Time: Sep 22 02:25:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	270580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	505676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	497611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	228695	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	214235	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	
35) Dibromofluoromethane	7.55	113	161656	46.18	ug/l	0.00
Spiked Amount			Recovery	=	92.36%	
50) Toluene-d8	10.06	98	643702	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.38	95	259961	53.87	ug/l	0.00
Spiked Amount			Recovery	=	107.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.72	59	10352	16.223	ug/l	97
16) Acetone	3.77	43	354854	239.720	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	26939	2.367	ug/l	95
20) Methylene Chloride	4.50	84	1275	0.340	ug/l #	80
22) Diisopropyl ether	5.89	45	2925	0.237	ug/l	97
23) Vinyl Acetate	5.89	43	4077	0.403	ug/l #	75
25) 2-Butanone	6.79	43	15549	6.830	ug/l	95
29) Tetrahydrofuran	7.17	42	332	0.214	ug/l #	36
31) Cyclohexane	7.63	56	7945	1.249	ug/l #	16
36) 1,1-Dichloropropene	7.63	75	25147	4.668	ug/l #	46
37) Ethyl Acetate	6.79	43	15549	2.941	ug/l #	71
38) Carbon Tetrachloride	7.63	117	30283	5.507	ug/l #	16
40) Benzene	8.00	78	23671	1.539	ug/l	99
43) Isopropyl Acetate	8.09	43	2212	0.234	ug/l #	64
51) 4-Methyl-2-Pentanone	9.95	43	9507	1.796	ug/l	100
52) Toluene	10.13	92	33450	3.618	ug/l	95
59) 2-Hexanone	10.58	43	4334	1.130	ug/l	83
67) Ethyl Benzene	11.49	91	5621	0.283	ug/l	91
68) m/p-Xylenes	11.60	106	8763	1.222	ug/l	97
69) o-Xylene	11.92	106	23046	3.373	ug/l	98
74) N-amyl acetate	12.01	43	9546	1.100	ug/l #	52
76) 1,2,3-Trichloropropane	12.38	75	145996	25.792	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	26128	1.710	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.38	75	145996	70.712	ug/l #	7
83) tert-Butylbenzene	13.21	119	3193	0.253	ug/l	71
84) 1,2,4-Trimethylbenzene	13.02	105	13657	0.885	ug/l	100
85) sec-Butylbenzene	13.02	105	13657	0.809	ug/l #	59
86) p-Isopropyltoluene	13.26	119	3075	0.207	ug/l	90
89) n-Butylbenzene	13.56	91	3070	0.224	ug/l #	1
90) Hexachloroethane	13.86	117	4680	1.651	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.23	75	661	0.489	ug/l #	10
95) Naphthalene	15.10	128	36577	2.503	ug/l #	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
Data File : VN063487.D
Acq On : 21 Sep 2020 15:45
Operator : JC/MD
Sample : L4056-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
229

Quant Time: Sep 22 02:25:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

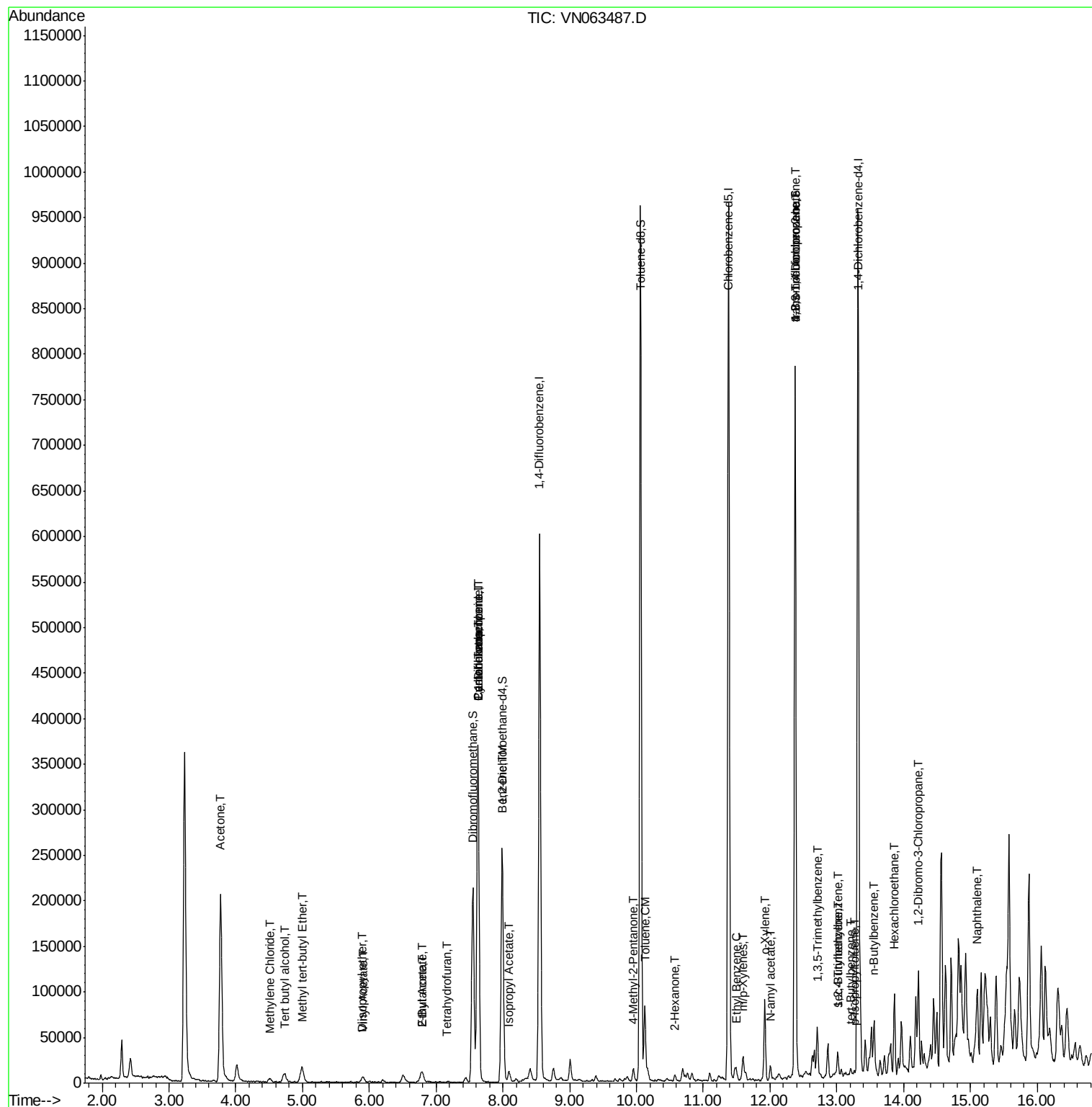
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

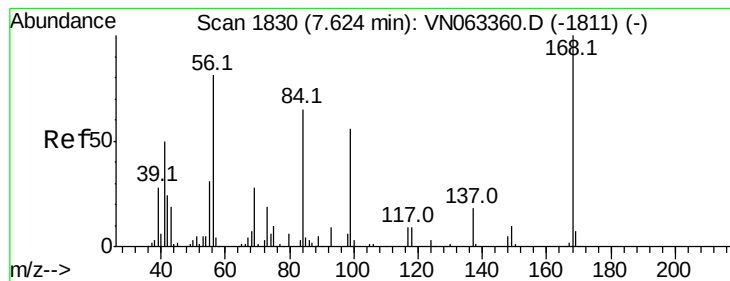
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092120\
Data File : VN063487.D
Acq On : 21 Sep 2020 15:45
Operator : JC/MD
Sample : L4056-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
229

Quant Time: Sep 22 02:25:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

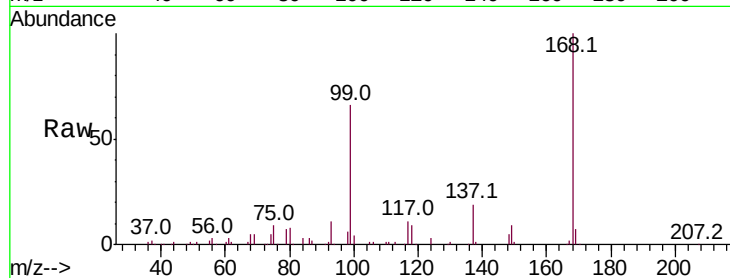
Instrument :
MSVOA_N
ClientSampled :
229

Tot Ion:168 Resp: 270580

Ion Ratio Lower Upper

168 100

99 66.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

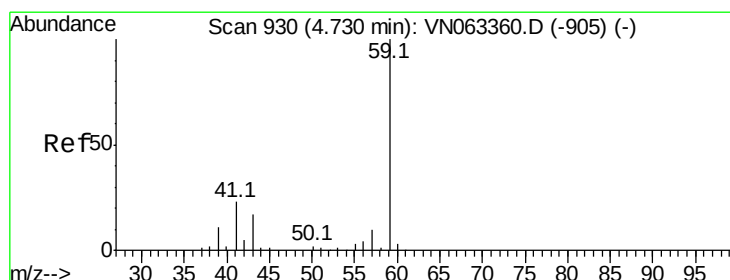
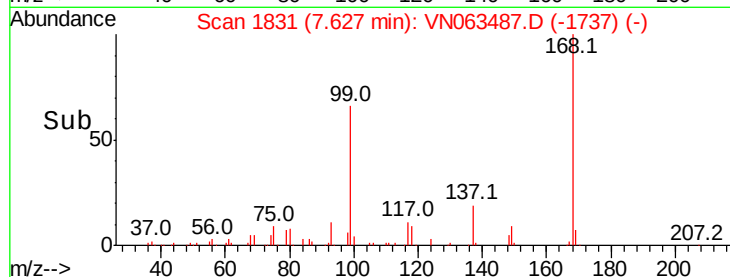
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 16.223 ug/l

RT: 4.72 min Scan# 927

Delta R.T. -0.01 min

Lab File: VN063487.D

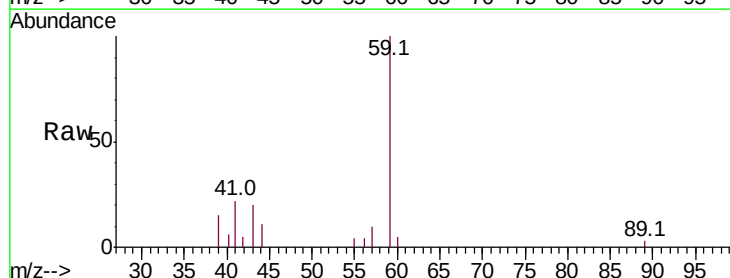
Acq: 21 Sep 2020 15:45

Tgt Ion: 59 Resp: 10352

Ion Ratio Lower Upper

59 100

57 11.7 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

6000

5000

4000

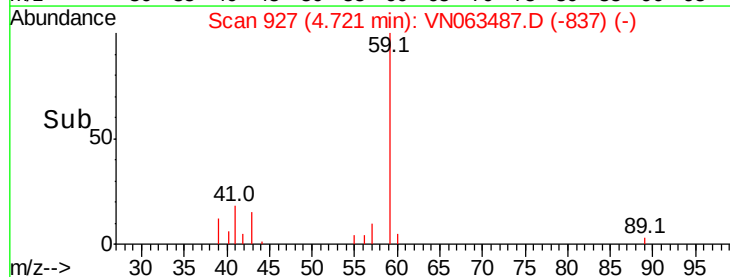
3000

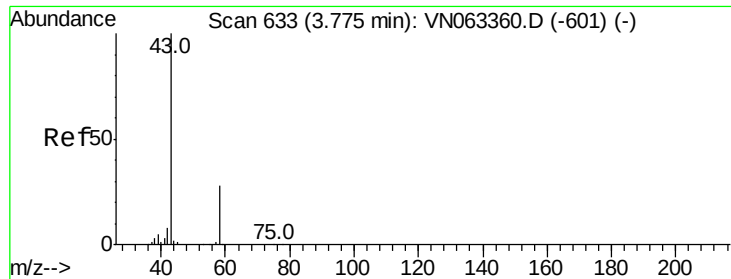
2000

1000

0

Time-->





#16

Acetone

Concen: 239.720 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.01 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

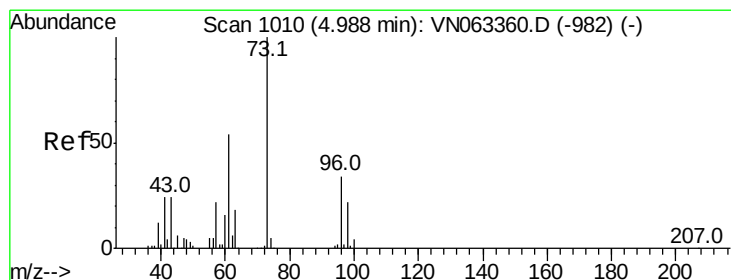
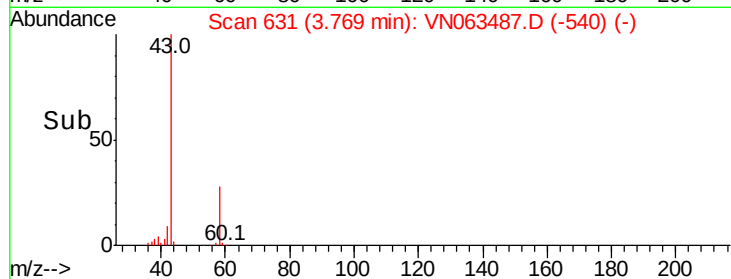
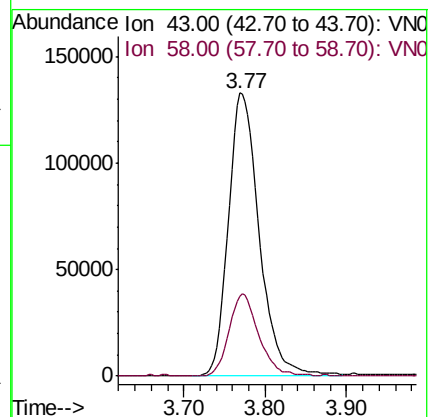
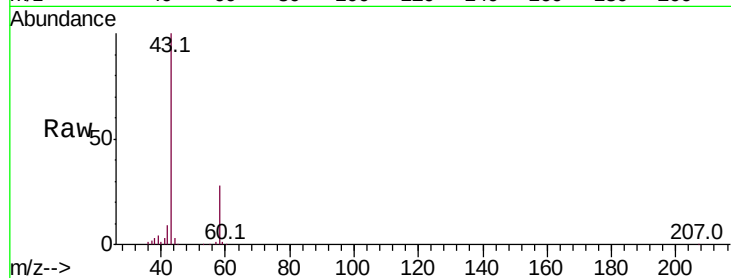
229

Tot Ion: 43 Resp: 354854

Ion Ratio Lower Upper

43 100

58 28.2 22.3 33.5



#19

Methyl tert-butyl Ether

Concen: 2.367 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN063487.D

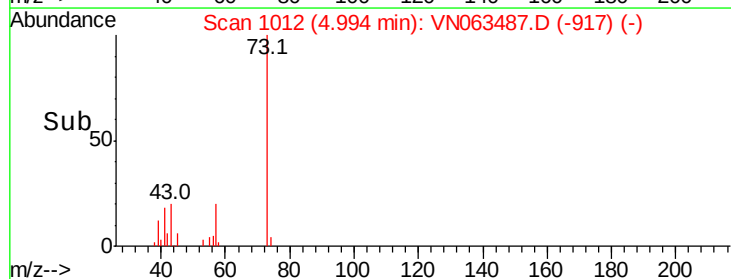
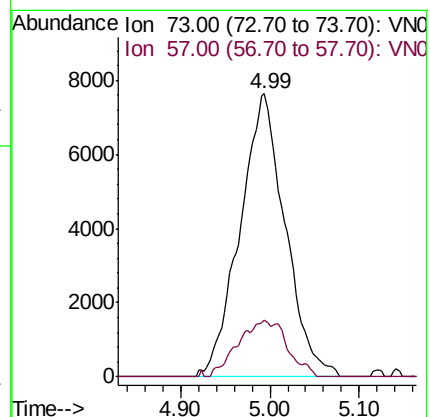
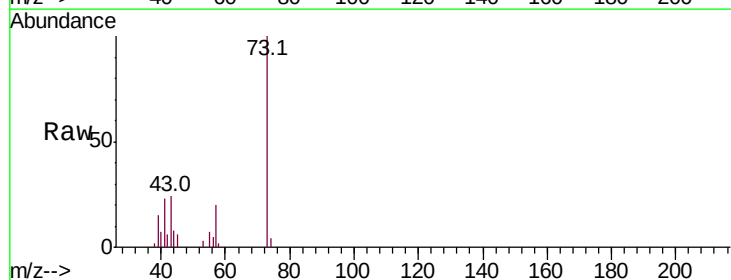
Acq: 21 Sep 2020 15:45

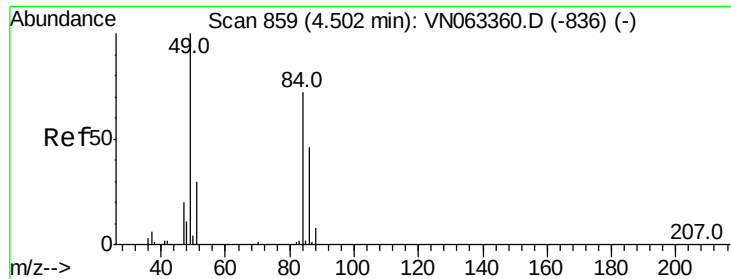
Tgt Ion: 73 Resp: 26939

Ion Ratio Lower Upper

73 100

57 20.0 17.9 26.9





#20

Methylene Chloride

Concen: 0.340 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

Instrument :

MSVOA_N

ClientSampled :

229

Tot Ion: 84 Resp: 1275

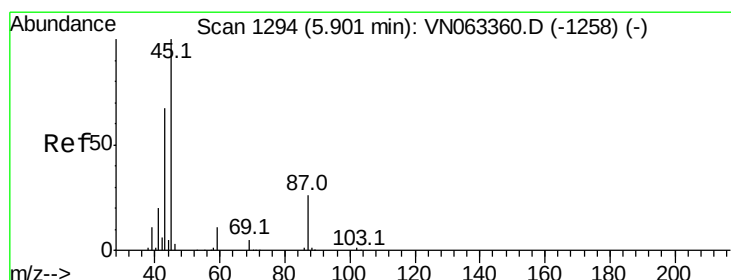
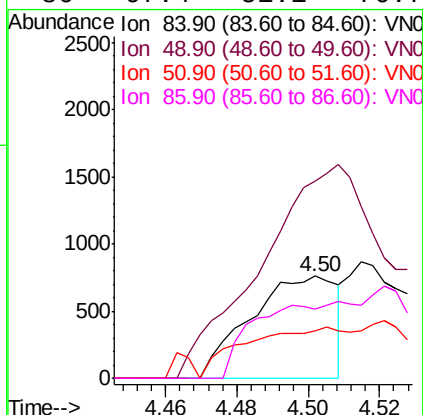
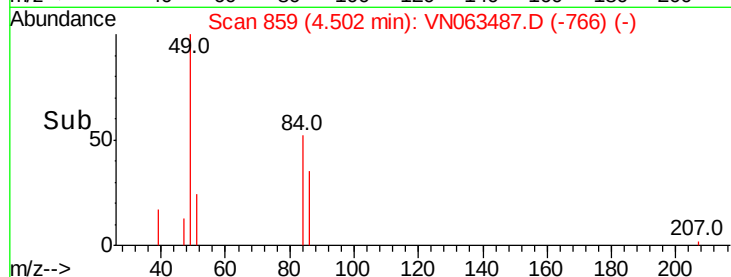
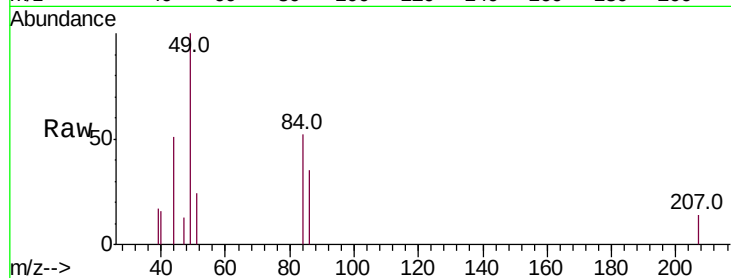
Ion Ratio Lower Upper

84 100

49 169.3 110.7 166.1#

51 25.8 32.9 49.3#

86 67.4 51.1 76.7



#22

Diisopropyl ether

Concen: 0.237 ug/l

RT: 5.89 min Scan# 1291

Delta R.T. -0.01 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

Tgt Ion: 45 Resp: 2925

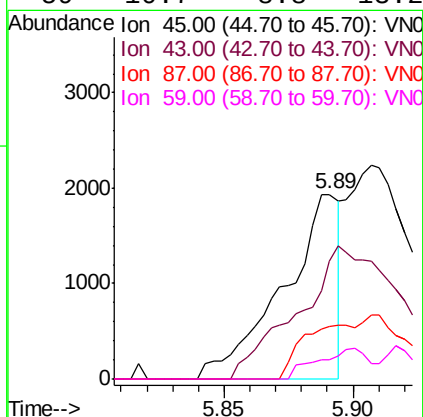
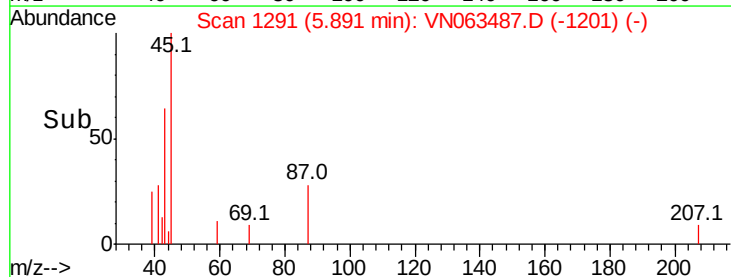
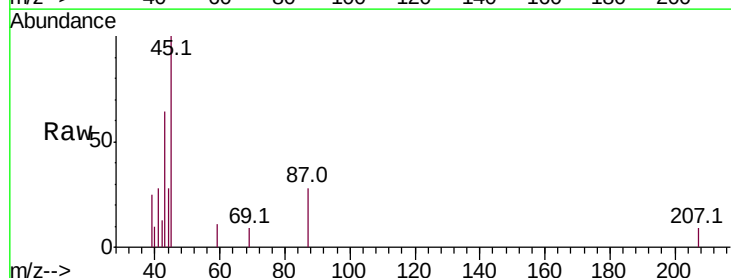
Ion Ratio Lower Upper

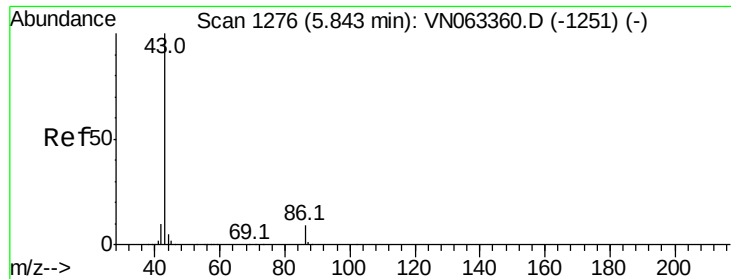
45 100

43 63.9 53.5 80.3

87 28.4 21.2 31.8

59 10.7 8.8 13.2

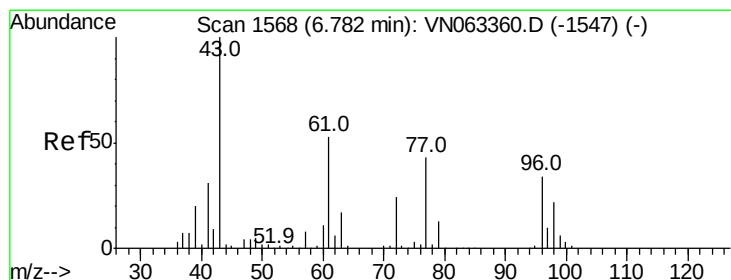
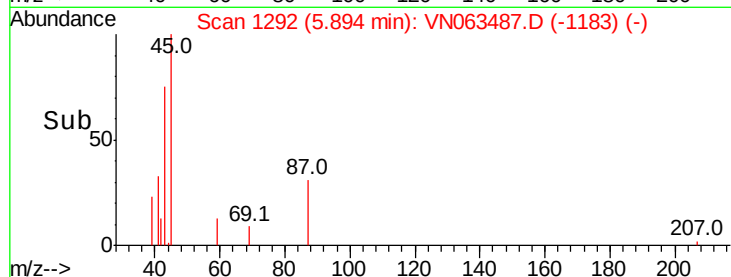
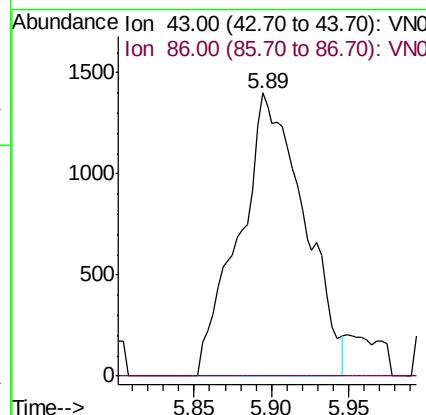
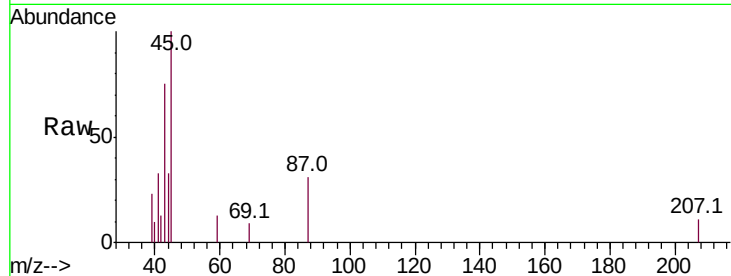




#23
 Vinyl Acetate
 Concen: 0.403 ug/l
 RT: 5.89 min Scan# 1292
 Delta R.T. 0.05 min
 Lab File: VN063487.D
 Acq: 21 Sep 2020 15:45

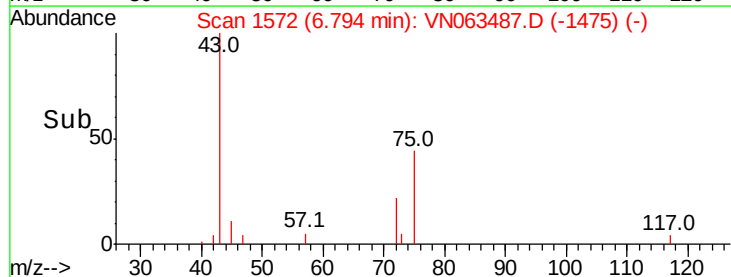
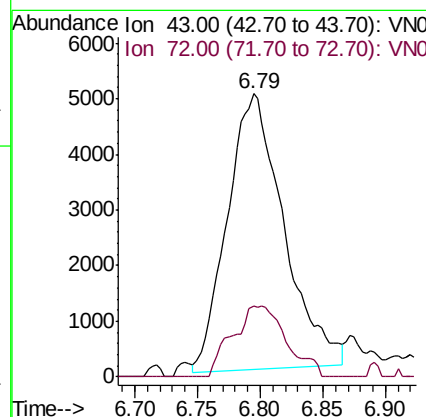
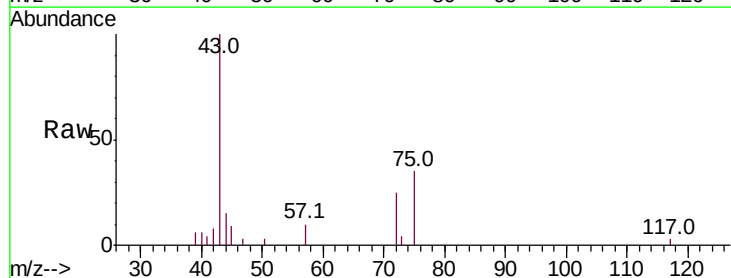
Instrument :
 MSVOA_N
 ClientSampleId :
 229

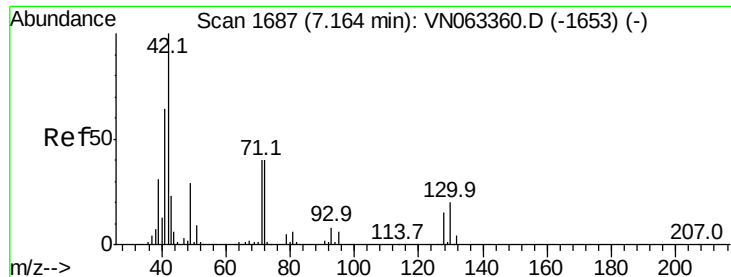
Tot Ion: 43 Resp: 4077
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 6.830 ug/l
 RT: 6.79 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VN063487.D
 Acq: 21 Sep 2020 15:45

Tgt Ion: 43 Resp: 15549
 Ion Ratio Lower Upper
 43 100
 72 26.3 19.2 28.8





#29

Tetrahydrofuran

Concen: 0.214 ug/l

RT: 7.17 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

Instrument :

MSVOA_N

ClientSampled :

229

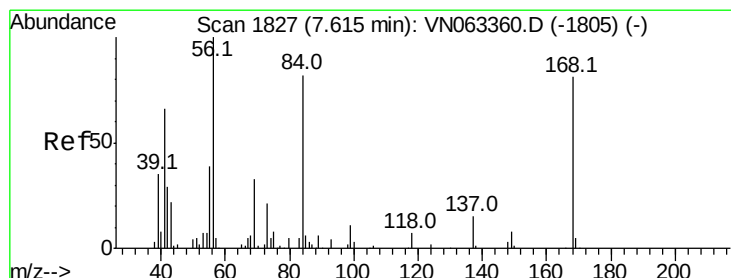
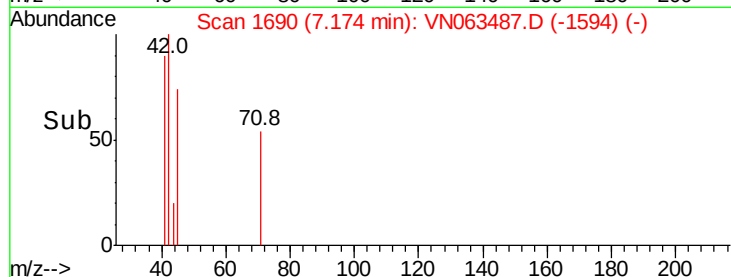
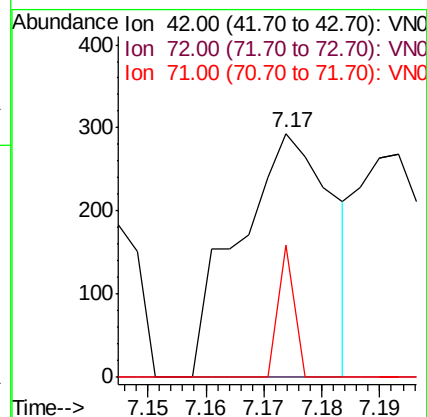
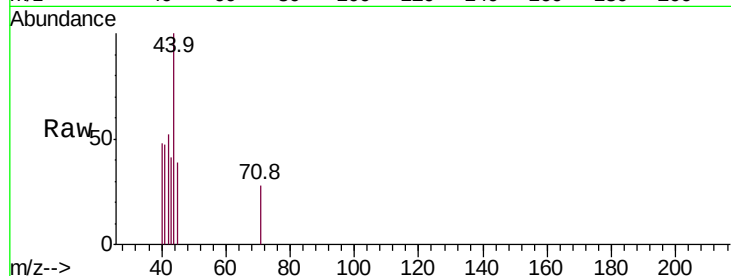
Tot Ion: 42 Resp: 332

Ion Ratio Lower Upper

42 100

72 0.0 32.1 48.1#

71 0.0 31.2 46.8#



#31

Cyclohexane

Concen: 1.249 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

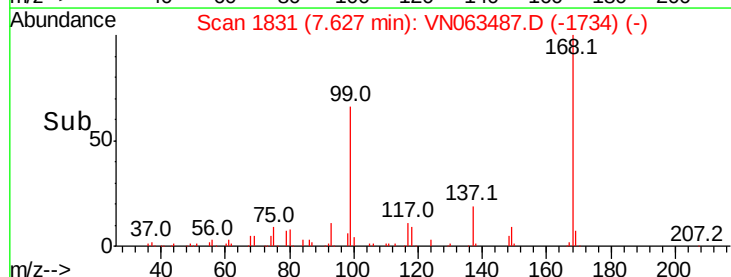
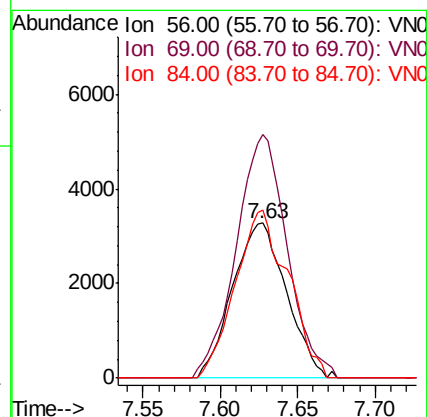
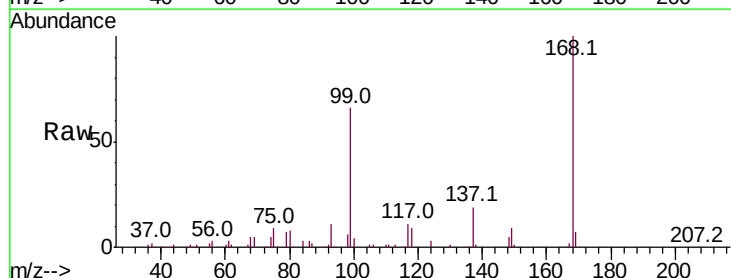
Tgt Ion: 56 Resp: 7945

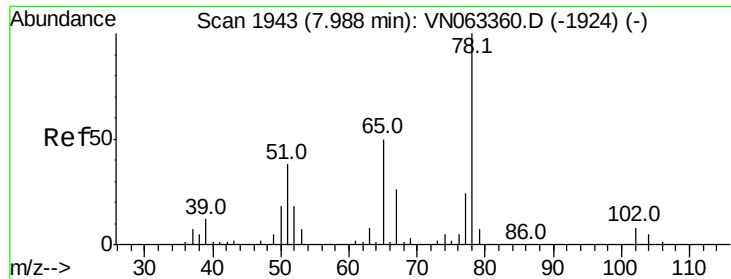
Ion Ratio Lower Upper

56 100

69 156.9 26.1 39.1#

84 108.4 65.4 98.2#

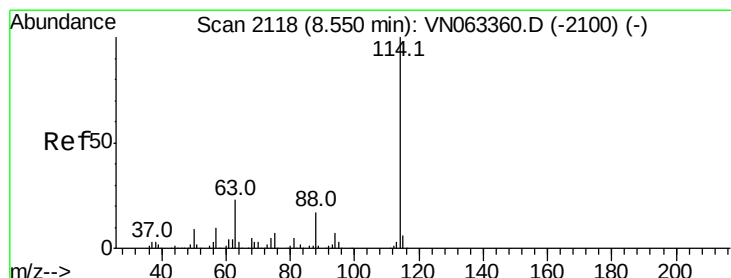
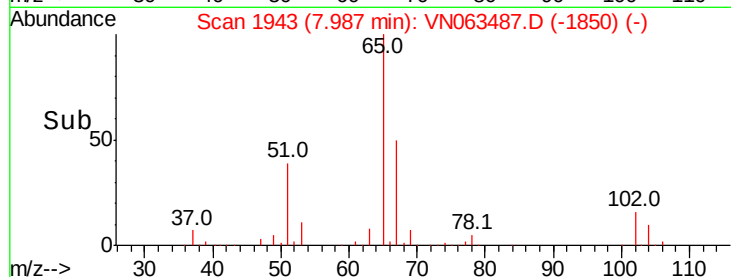
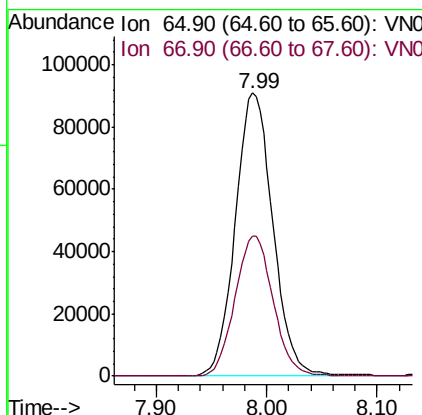
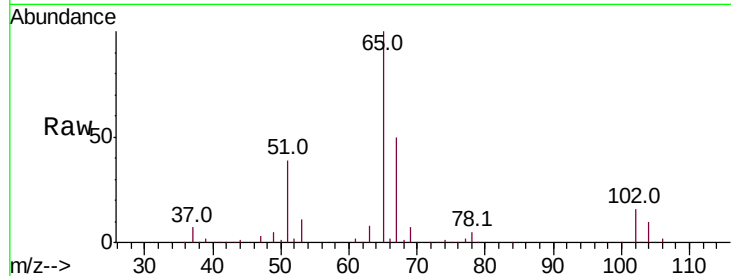




#33
 1,2-Dichloroethane-d4
 Concen: 46.512 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063487.D
 Acq: 21 Sep 2020 15:45

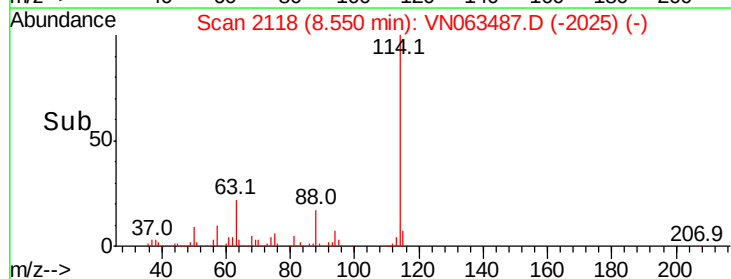
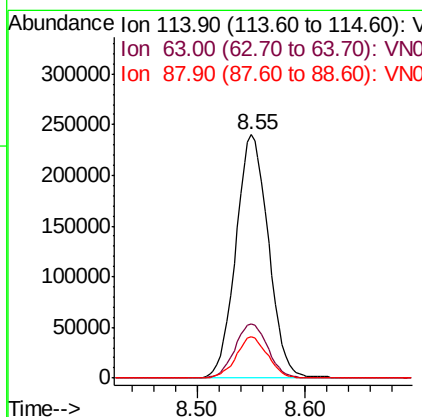
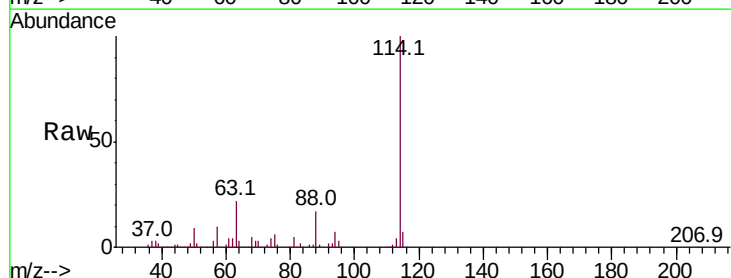
Instrument :
 MSVOA_N
 ClientSampled :
 229

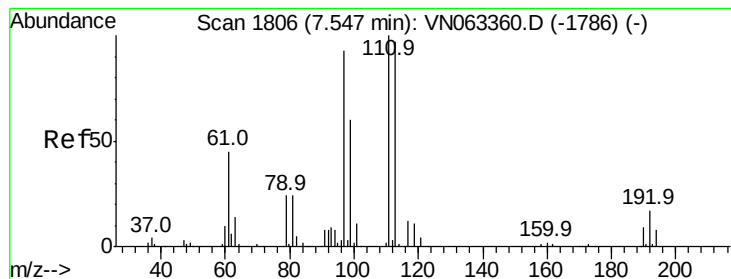
Tot Ion: 65 Resp: 214235
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063487.D
 Acq: 21 Sep 2020 15:45

Tgt Ion:114 Resp: 505676
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 46.4
 88 16.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.178 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

229

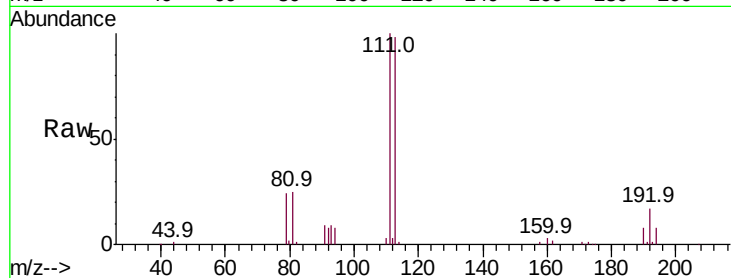
Tot Ion:113 Resp: 161656

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

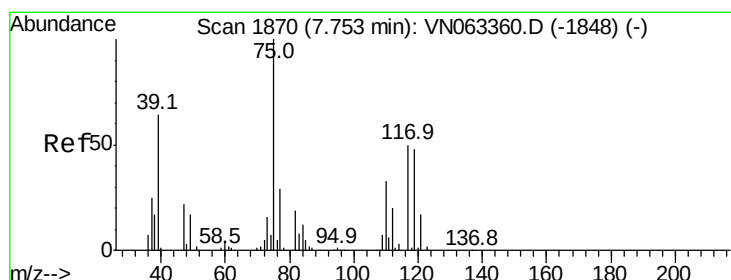
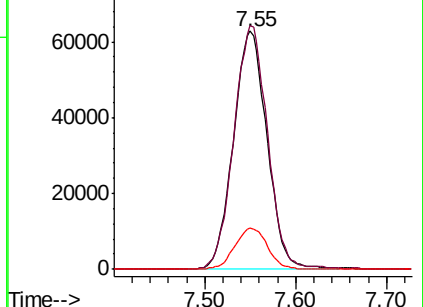
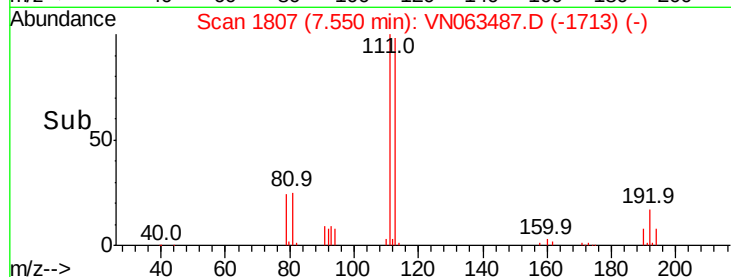
192 16.9 13.9 20.9



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: 4.668 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

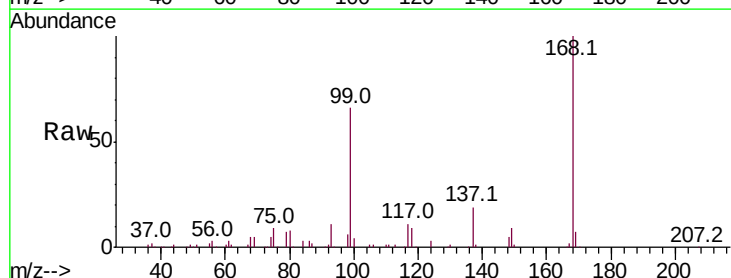
Tgt Ion: 75 Resp: 25147

Ion Ratio Lower Upper

75 100

110 3.8 16.5 49.5#

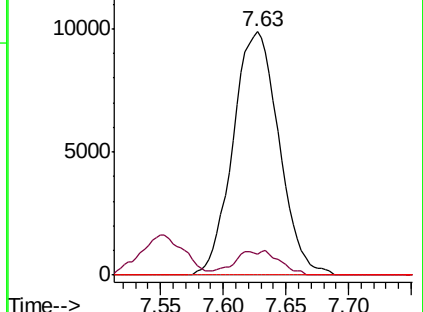
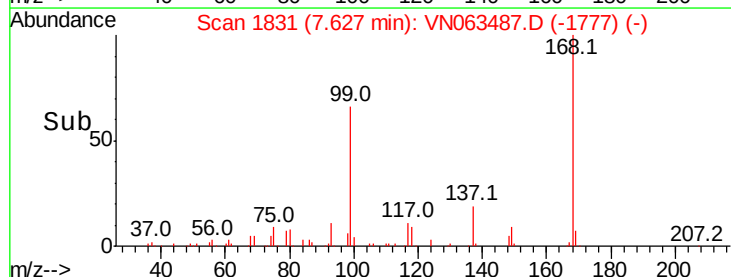
77 0.0 24.6 36.8#

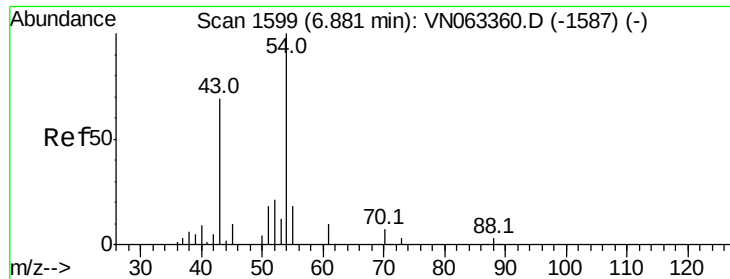


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

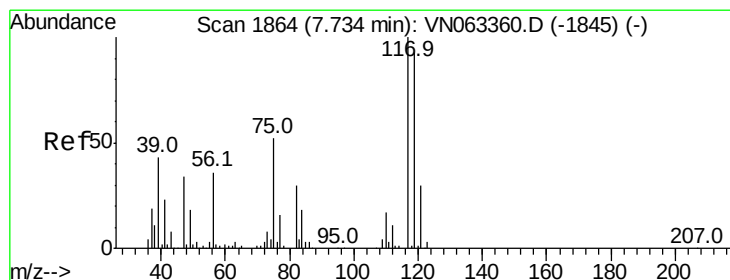
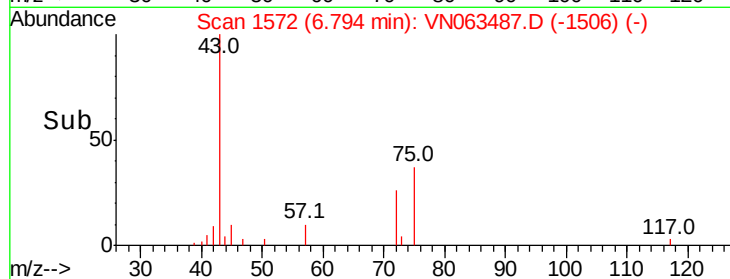
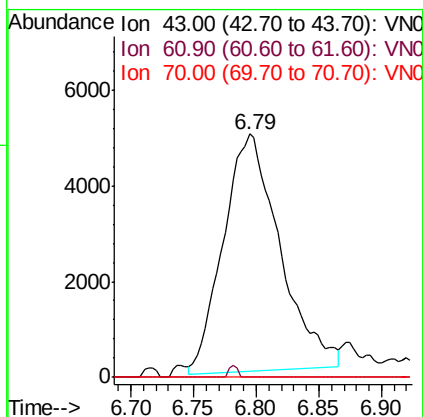
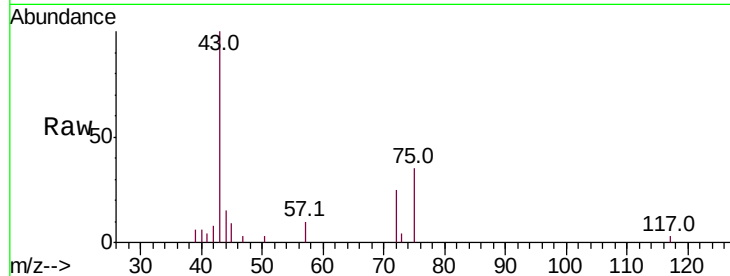




#37
Ethyl Acetate
Concen: 2.941 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. -0.09 min
Lab File: VN063487.D
Acq: 21 Sep 2020 15:45

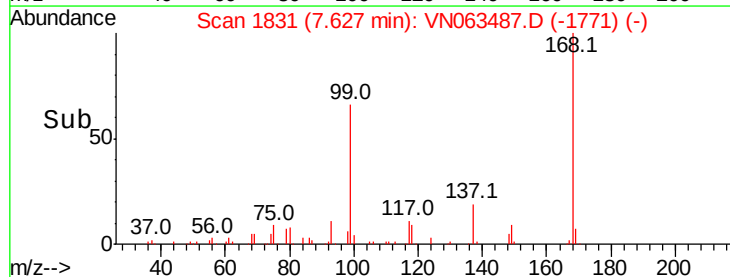
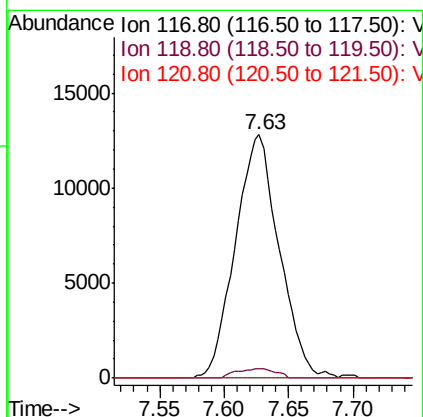
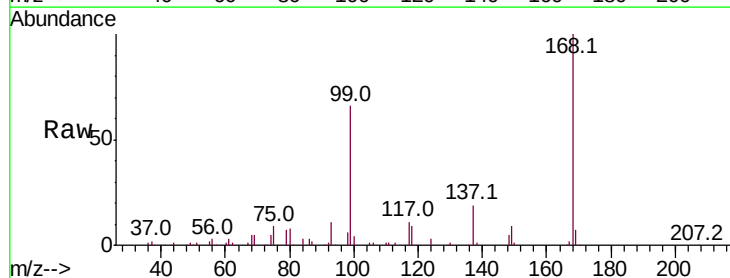
Instrument :
MSVOA_N
ClientSampleId :
229

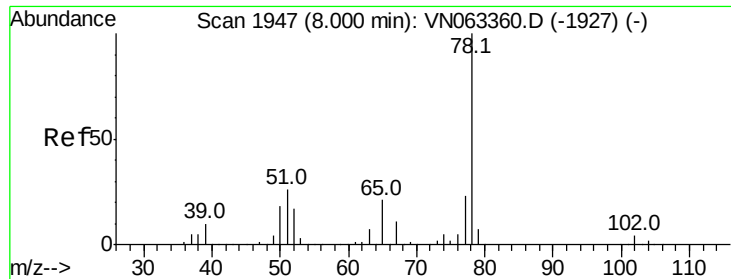
Tot Ion: 43 Resp: 15549
Ion Ratio Lower Upper
43 100
61 0.8 10.6 15.8#
70 0.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 5.507 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063487.D
Acq: 21 Sep 2020 15:45

Tgt Ion: 117 Resp: 30283
Ion Ratio Lower Upper
117 100
119 4.0 74.5 111.7#
121 0.0 24.1 36.1#





#40

Benzene

Concen: 1.539 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

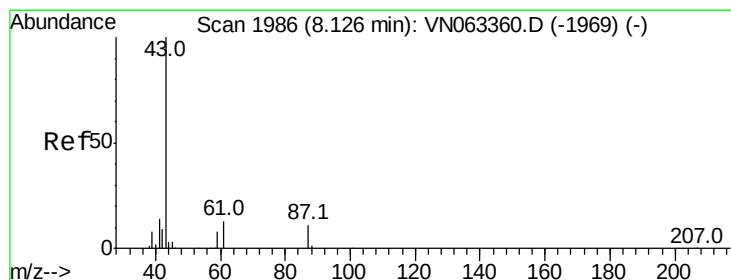
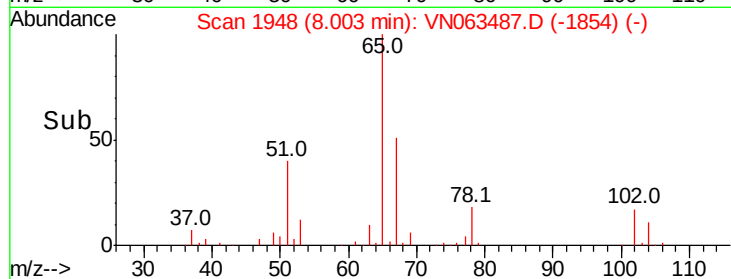
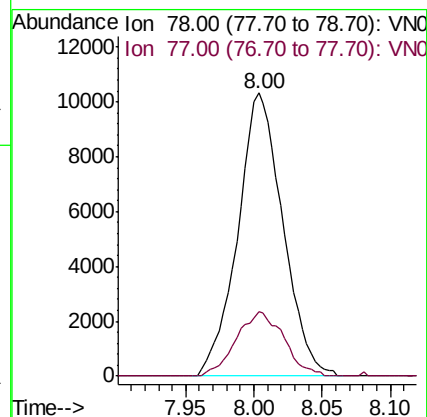
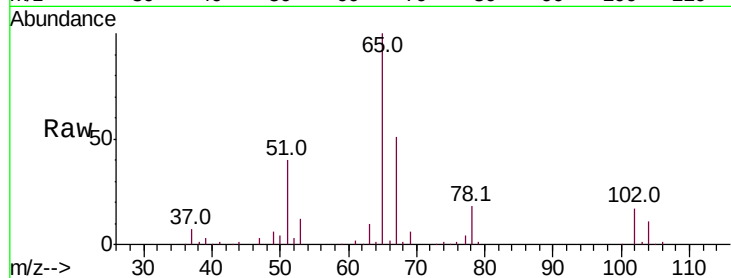
Instrument :
MSVOA_N
ClientSampleId :
229

Tot Ion: 78 Resp: 23671

Ion Ratio Lower Upper

78 100

77 22.6 18.3 27.5



#43

Isopropyl Acetate

Concen: 0.234 ug/l

RT: 8.09 min Scan# 1975

Delta R.T. -0.04 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

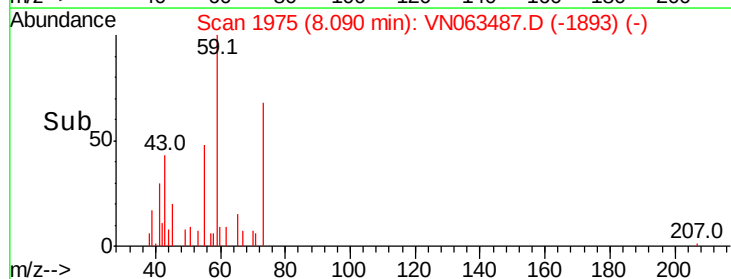
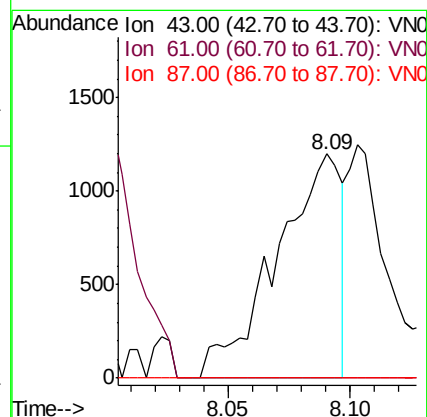
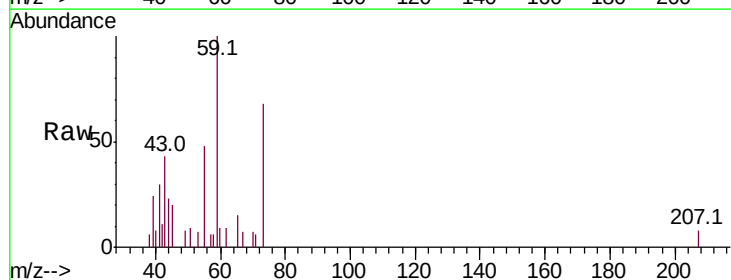
Tgt Ion: 43 Resp: 2212

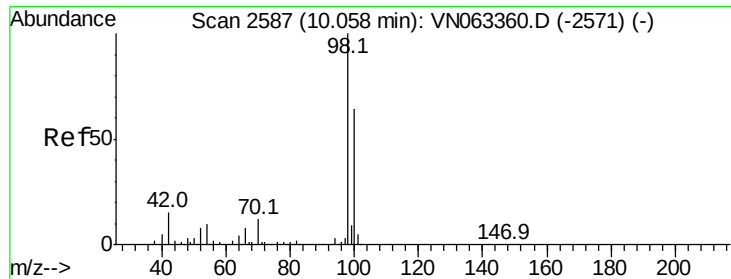
Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.2#

87 0.0 9.0 13.6#





#50

Toluene-d8

Concen: 48.902 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

Instrument :

MSVOA_N

ClientSampled :

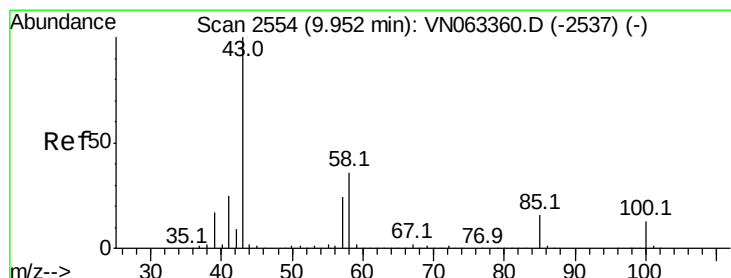
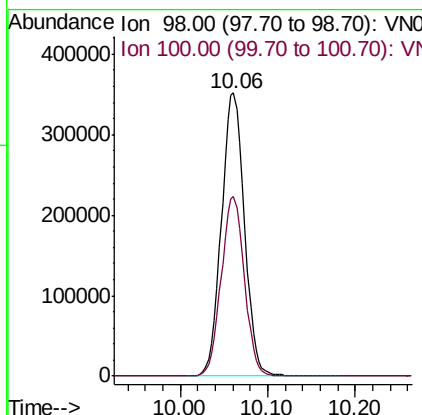
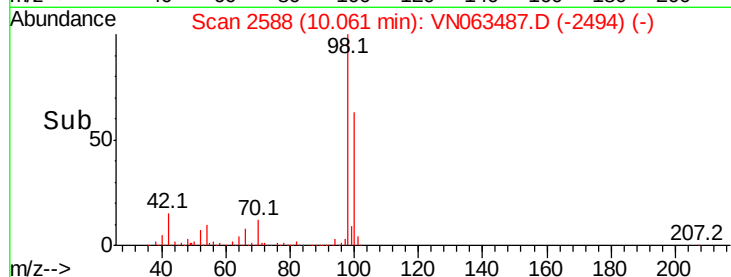
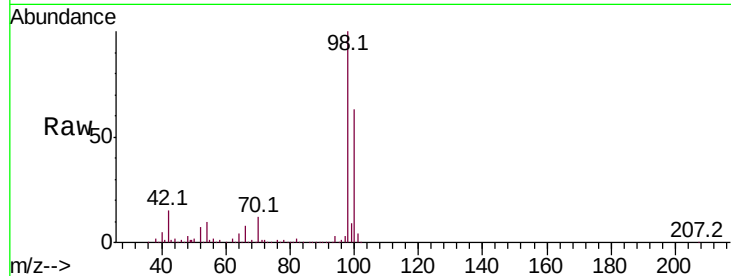
229

Tot Ion: 98 Resp: 643702

Ion Ratio Lower Upper

98 100

100 63.8 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 1.796 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063487.D

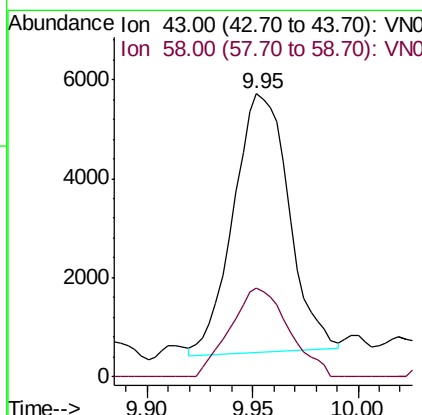
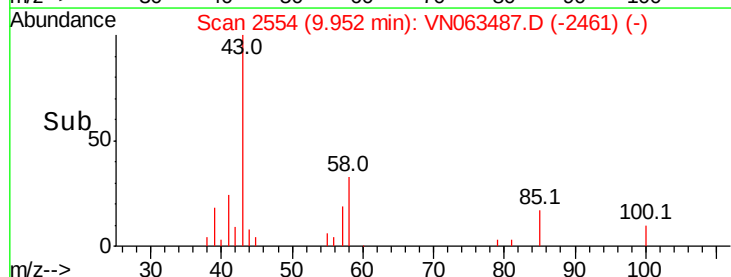
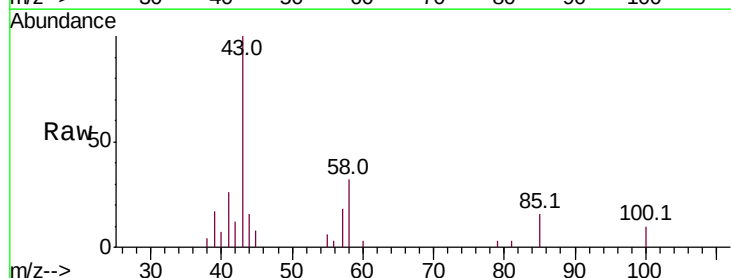
Acq: 21 Sep 2020 15:45

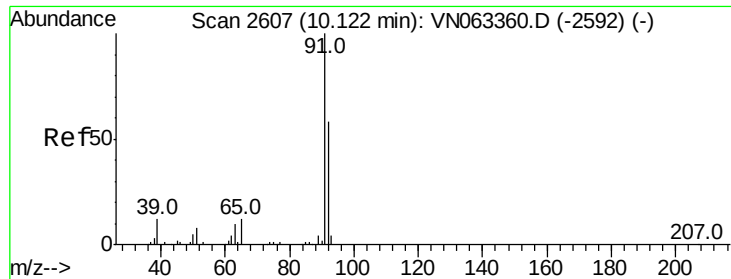
Tgt Ion: 43 Resp: 9507

Ion Ratio Lower Upper

43 100

58 36.6 29.0 43.6





#52

Toluene

Concen: 3.618 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

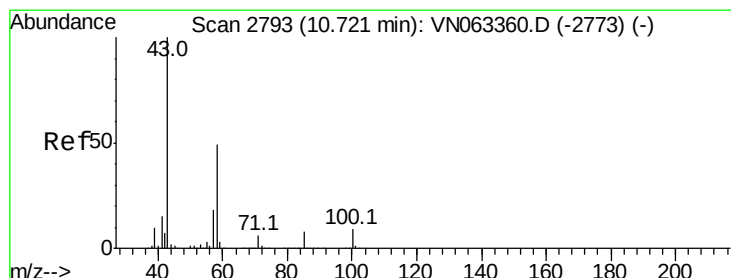
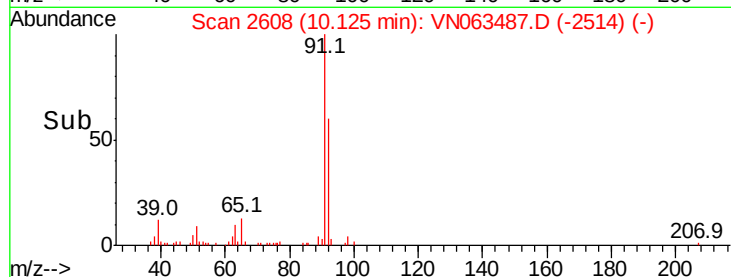
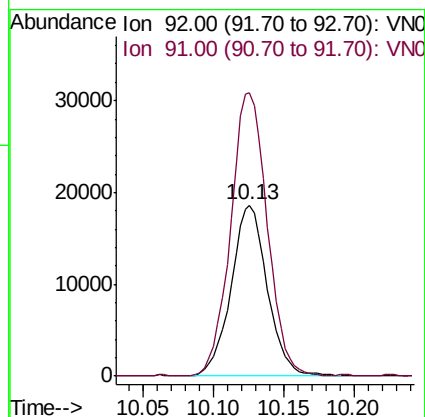
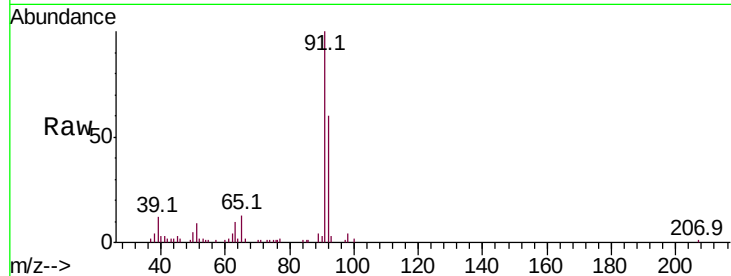
229

Tot Ion: 92 Resp: 33450

Ion Ratio Lower Upper

92 100

91 167.4 139.7 209.5



#59

2-Hexanone

Concen: 1.130 ug/l

RT: 10.58 min Scan# 2748

Delta R.T. -0.14 min

Lab File: VN063487.D

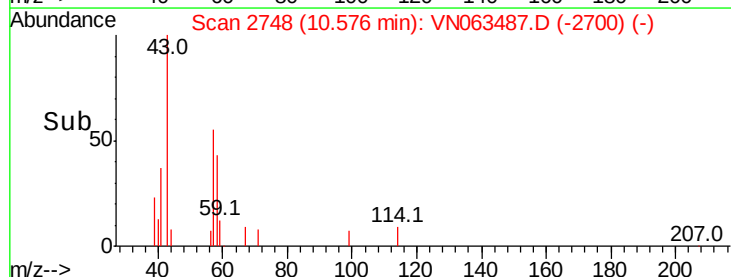
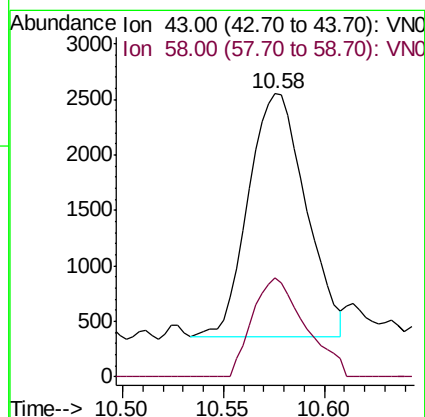
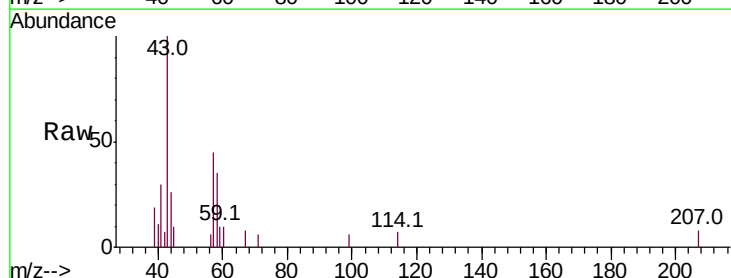
Acq: 21 Sep 2020 15:45

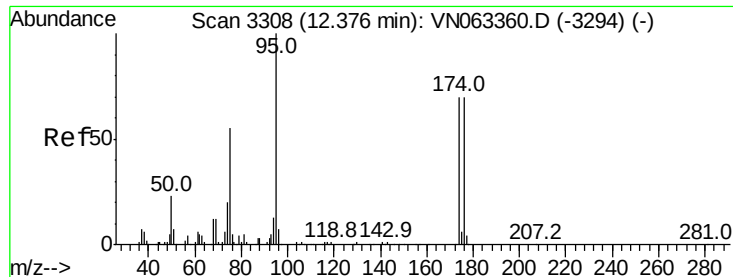
Tgt Ion: 43 Resp: 4334

Ion Ratio Lower Upper

43 100

58 37.7 24.7 74.1

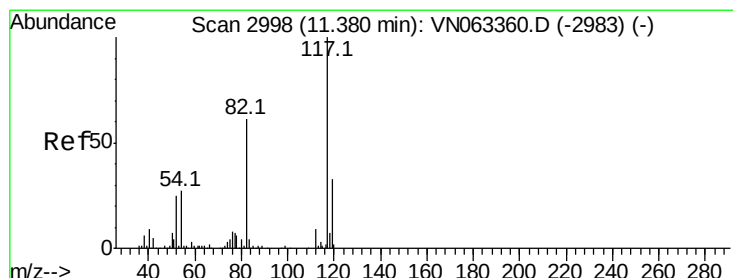
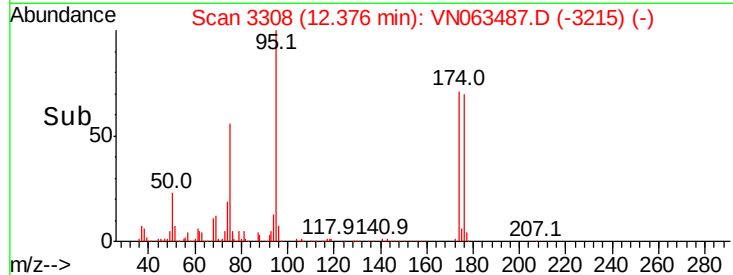
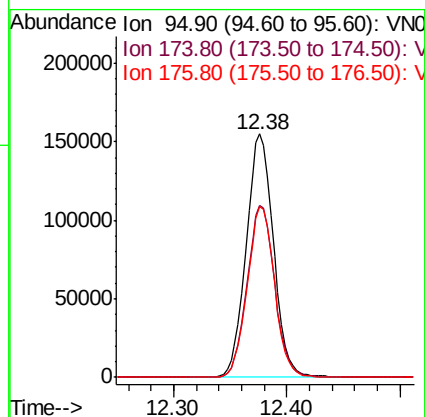
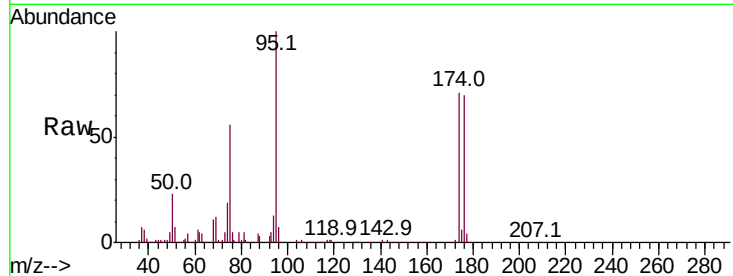




#62
4-Bromofluorobenzene
Concen: 53.873 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063487.D
Acq: 21 Sep 2020 15:45

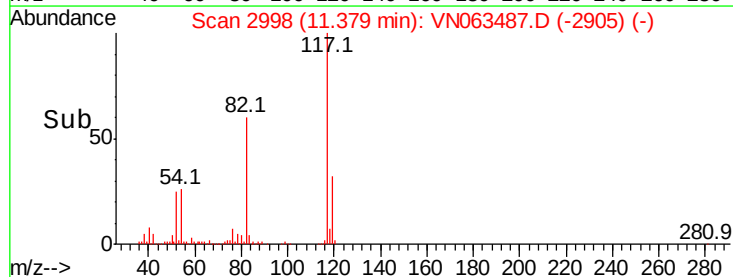
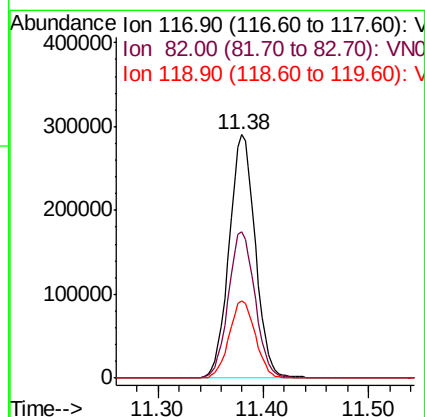
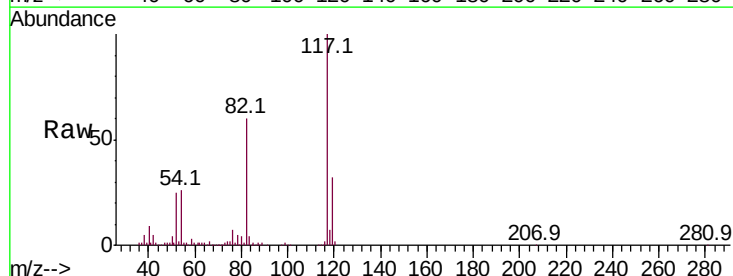
Instrument :
MSVOA_N
ClientSampled :
229

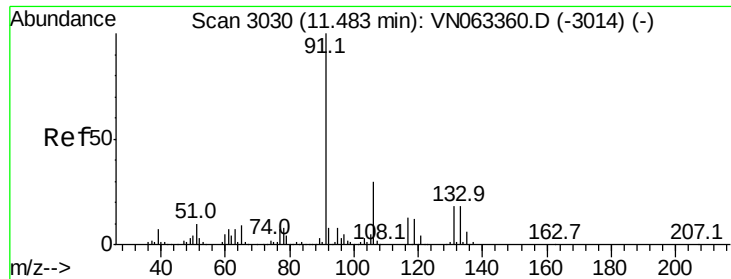
Tot Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	140.8
176	70.1	0.0	137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063487.D
Acq: 21 Sep 2020 15:45

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.0	49.2	73.8
119	31.8	26.2	39.4





#67

Ethyl Benzene

Concen: 0.283 ug/l

RT: 11.49 min Scan# 3032

Delta R.T. 0.01 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

Instrument :

MSVOA_N

ClientSampled :

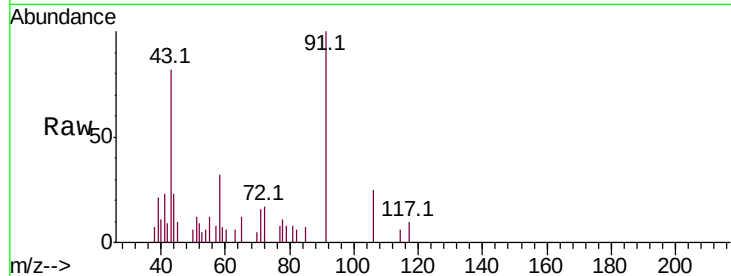
229

Tot Ion: 91 Resp: 5621

Ion Ratio Lower Upper

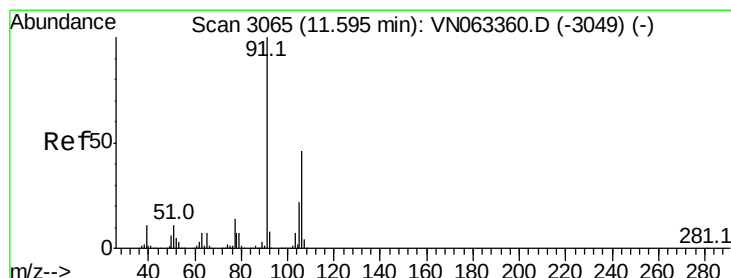
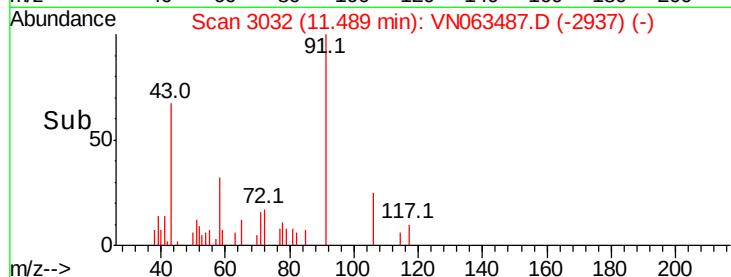
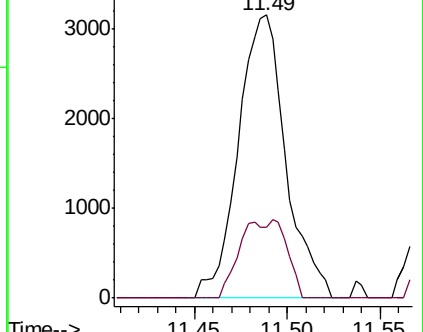
91 100

106 24.8 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3014) (-)

Ion 106.00 (105.70 to 106.70): VN063360.D (-3014) (-)



#68

m/p-Xylenes

Concen: 1.222 ug/l

RT: 11.60 min Scan# 3067

Delta R.T. 0.01 min

Lab File: VN063487.D

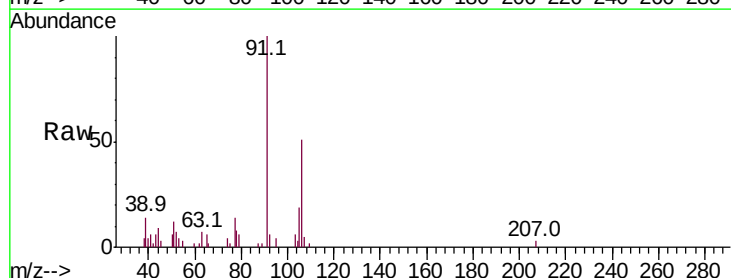
Acq: 21 Sep 2020 15:45

Tgt Ion: 106 Resp: 8763

Ion Ratio Lower Upper

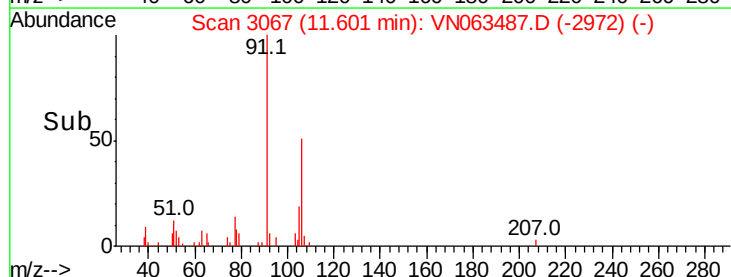
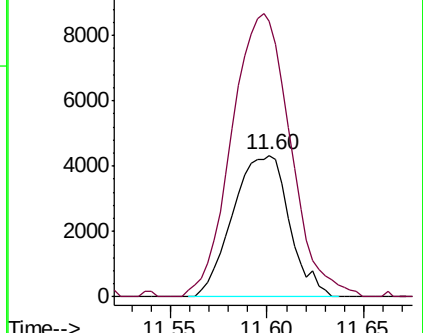
106 100

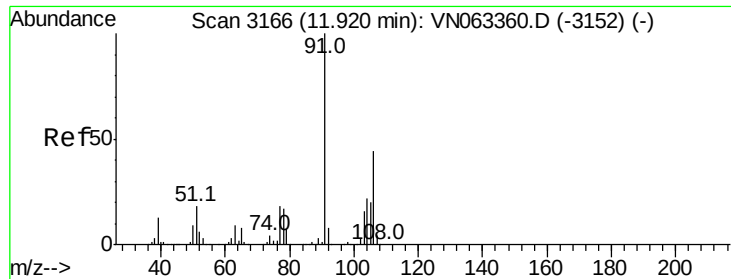
91 208.6 171.2 256.8



Abundance Ion 106.00 (105.70 to 106.70): VN063360.D (-3049) (-)

Ion 91.00 (90.70 to 91.70): VN063360.D (-3049) (-)

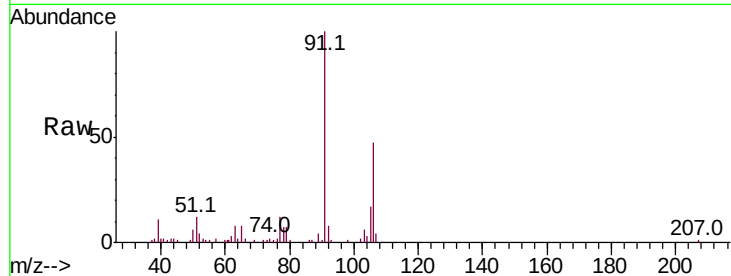




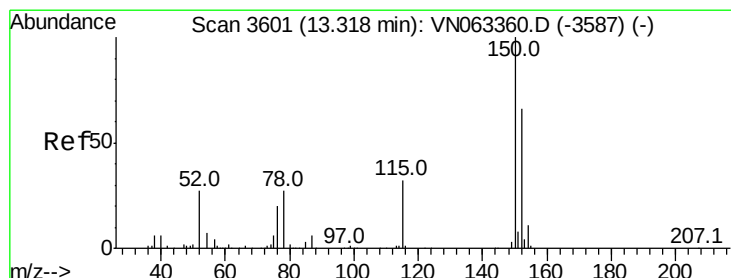
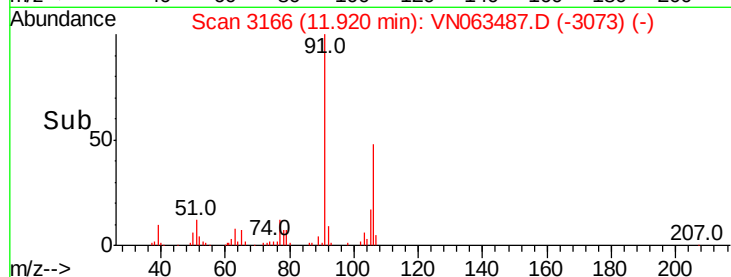
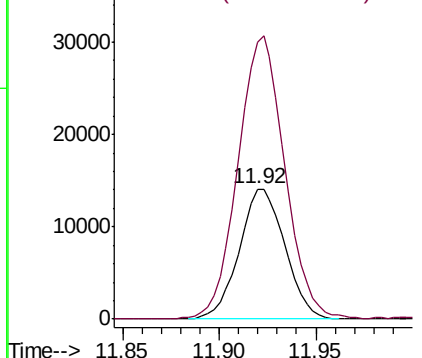
#69
o-Xylene
Concen: 3.373 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063487.D
Acq: 21 Sep 2020 15:45

Instrument :
MSVOA_N
ClientSampled :
229

Tot Ion:106 Resp: 23046
Ion Ratio Lower Upper
106 100
91 224.1 113.6 340.8

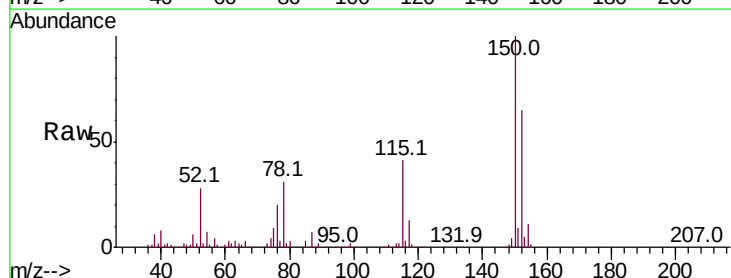


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

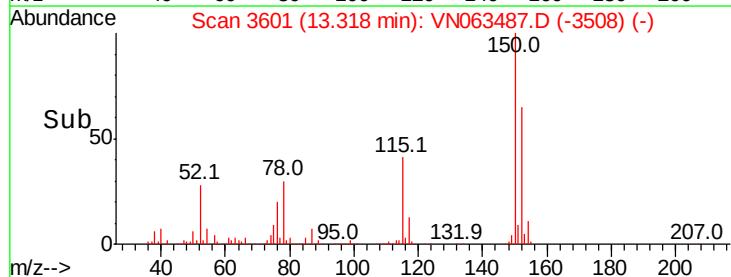
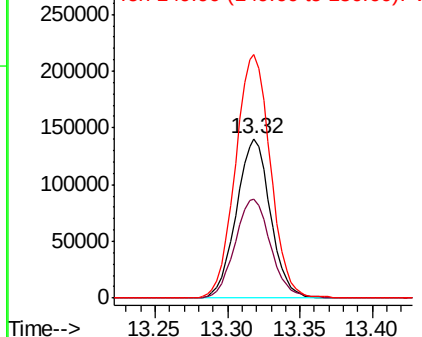


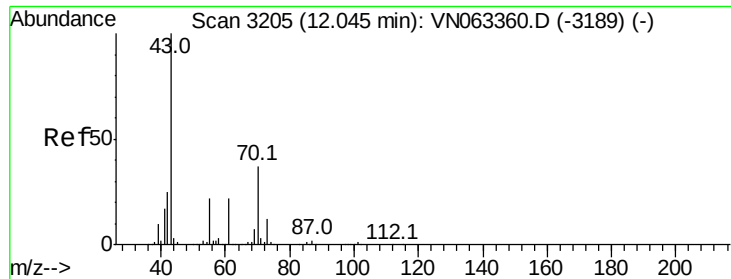
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063487.D
Acq: 21 Sep 2020 15:45

Tgt Ion:152 Resp: 228695
Ion Ratio Lower Upper
152 100
115 65.4 32.2 96.6
150 157.2 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.100 ug/l

RT: 12.01 min Scan# 3193

Delta R.T. -0.04 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

229

Tot Ion: 43 Resp: 9546

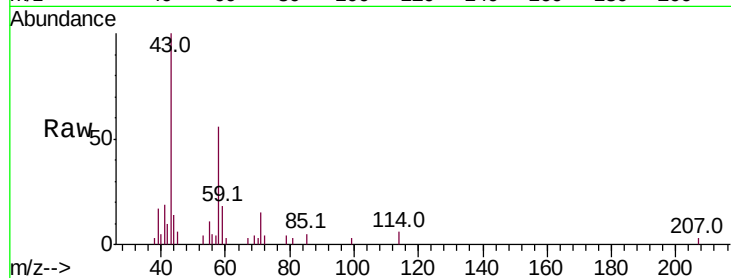
Ion Ratio Lower Upper

43 100

70 1.0 29.6 44.4#

55 8.5 17.7 26.5#

61 0.0 17.4 26.2#

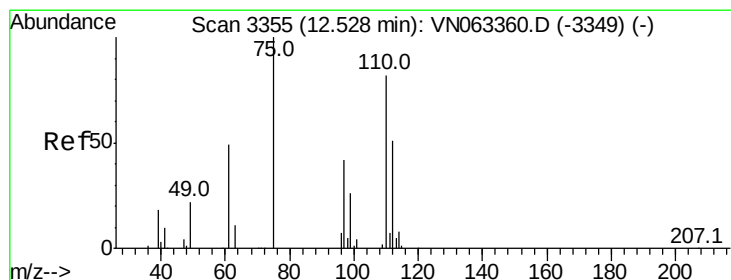
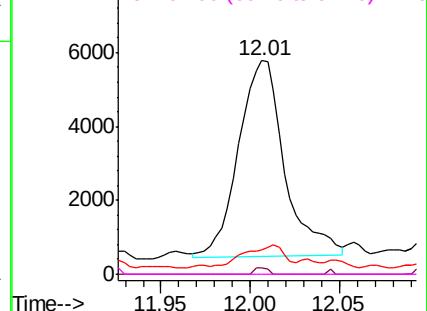
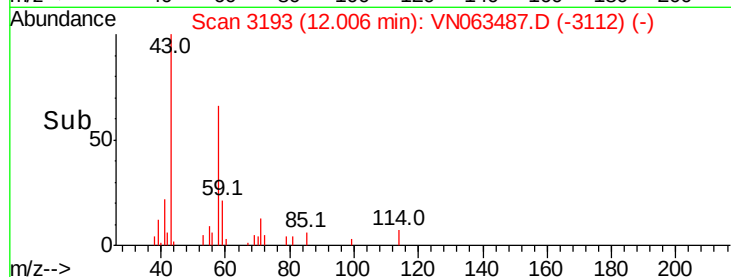


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 25.792 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063487.D

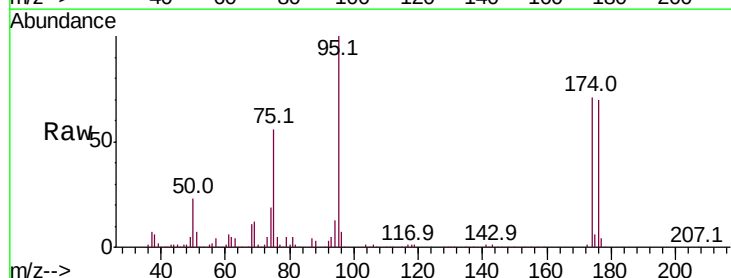
Acq: 21 Sep 2020 15:45

Tgt Ion: 75 Resp: 145996

Ion Ratio Lower Upper

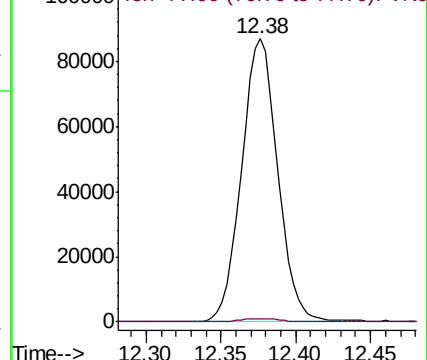
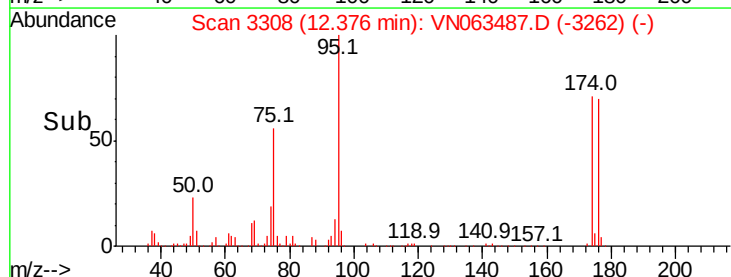
75 100

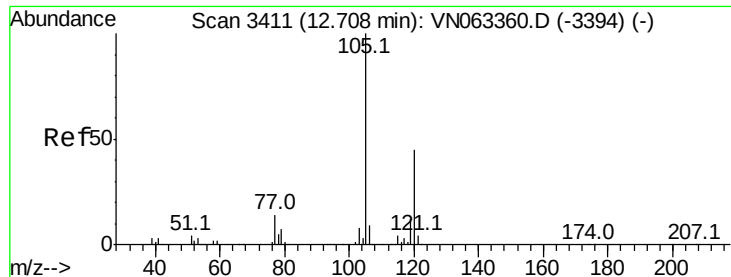
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 1.710 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

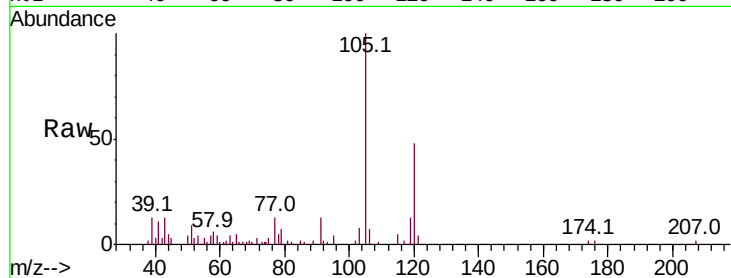
229

Tot Ion:105 Resp: 26128

Ion Ratio Lower Upper

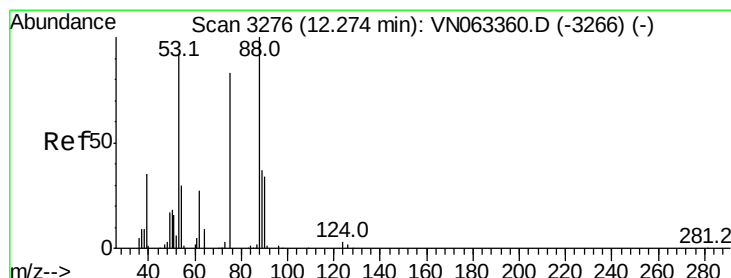
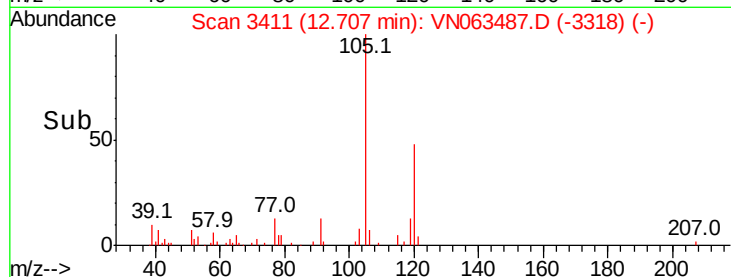
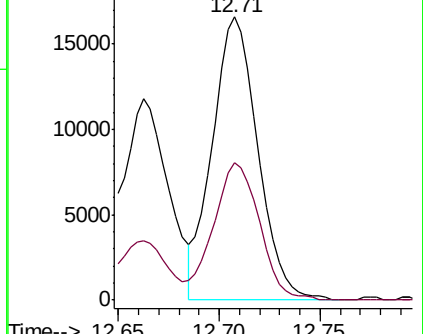
105 100

120 49.4 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 70.712 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

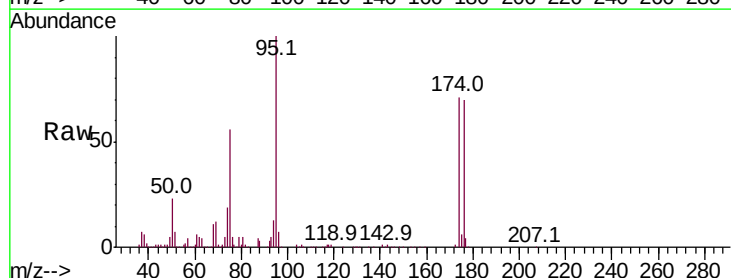
Tgt Ion: 75 Resp: 145996

Ion Ratio Lower Upper

75 100

53 0.2 85.7 128.5#

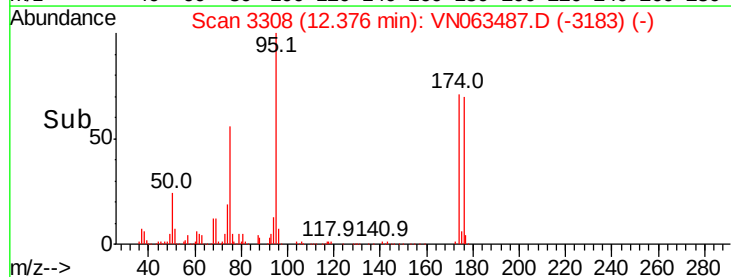
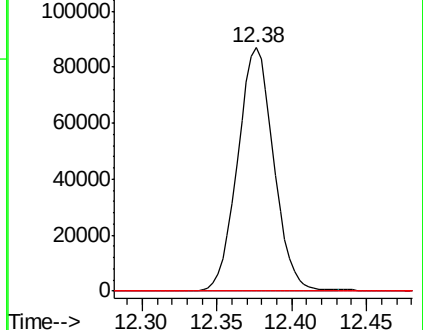
89 0.0 38.0 57.0#

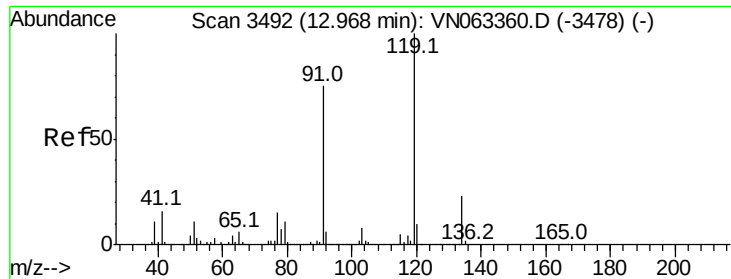


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#83

tert-Butylbenzene

Concen: 0.253 ug/l

RT: 13.21 min Scan# 3567

Delta R.T. 0.24 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

Instrument :

MSVOA_N

ClientSampled :

229

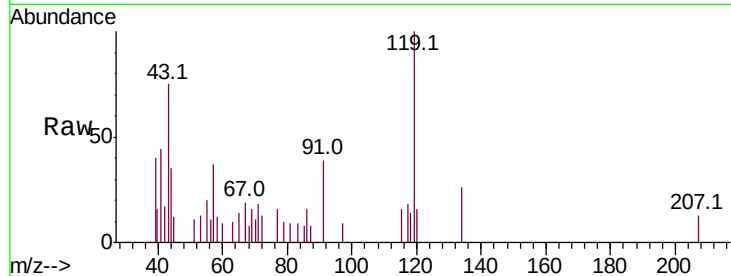
Tot Ion:119 Resp: 3193

Ion Ratio Lower Upper

119 100

91 47.2 36.3 108.9

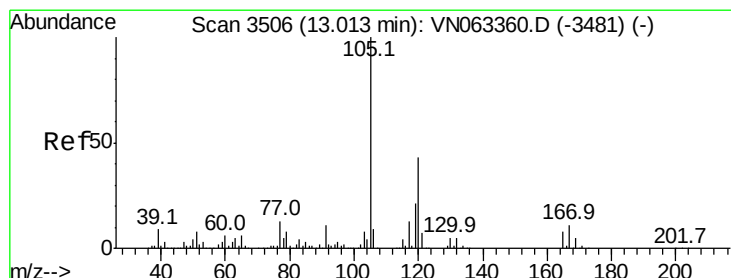
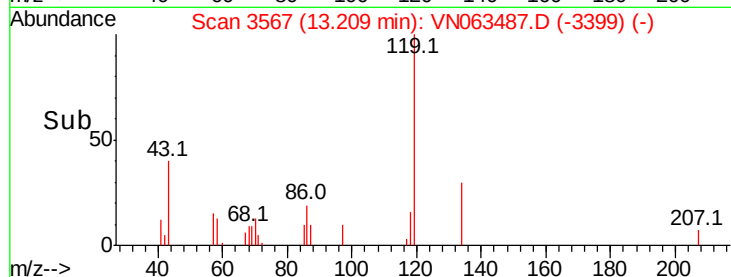
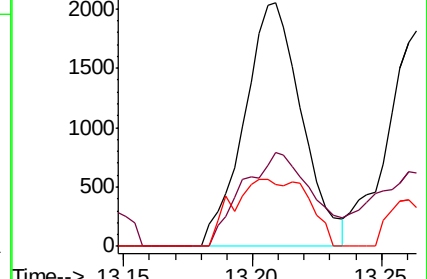
134 36.1 12.3 36.8



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: 0.885 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063487.D

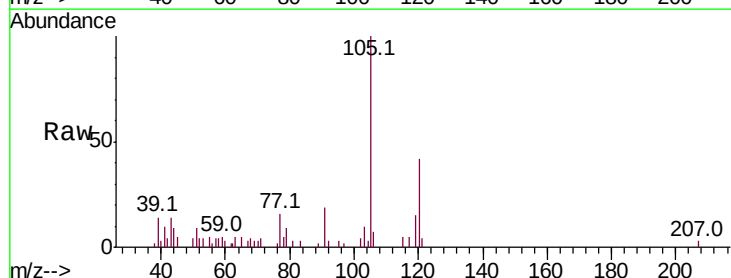
Acq: 21 Sep 2020 15:45

Tgt Ion:105 Resp: 13657

Ion Ratio Lower Upper

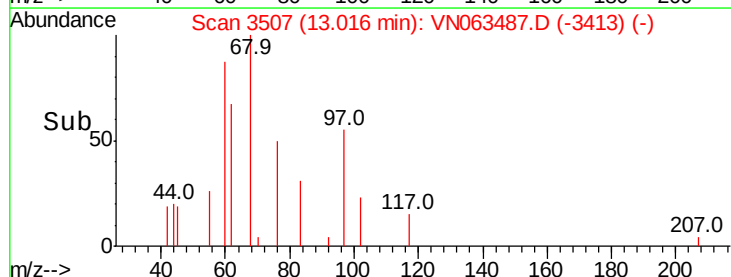
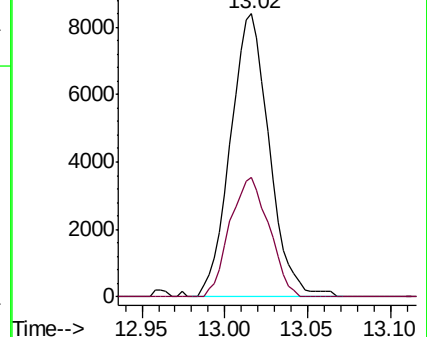
105 100

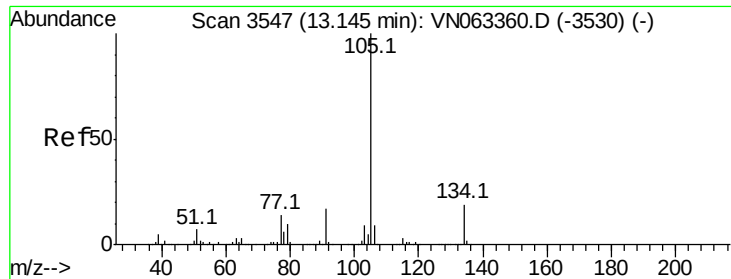
120 42.5 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.809 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. -0.13 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

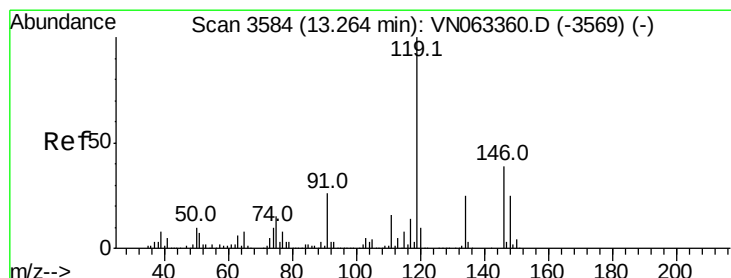
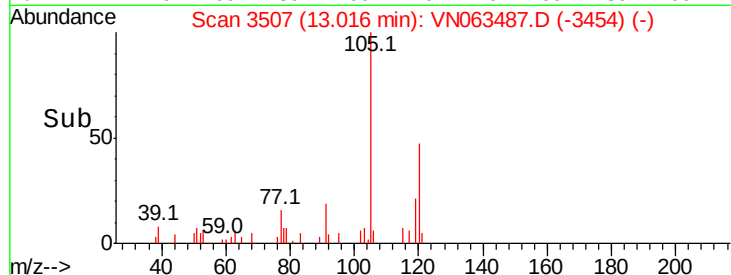
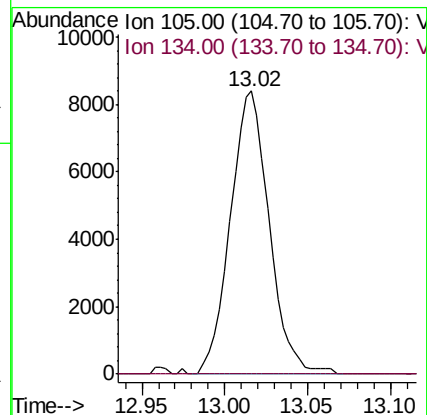
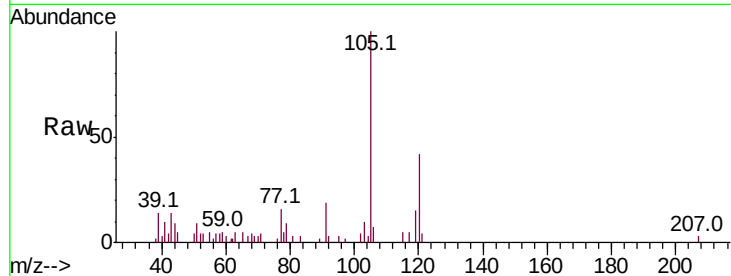
229

Tot Ion:105 Resp: 13657

Ion Ratio Lower Upper

105 100

134 0.0 9.3 27.7#



#86

p-Isopropyltoluene

Concen: 0.207 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

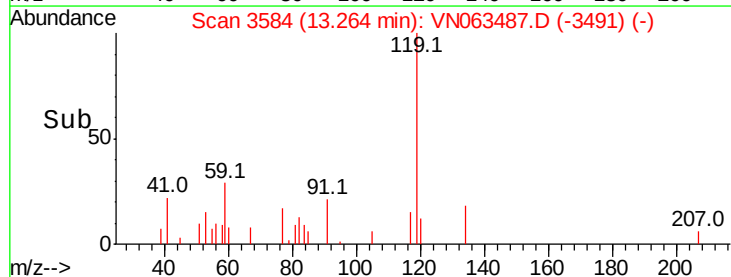
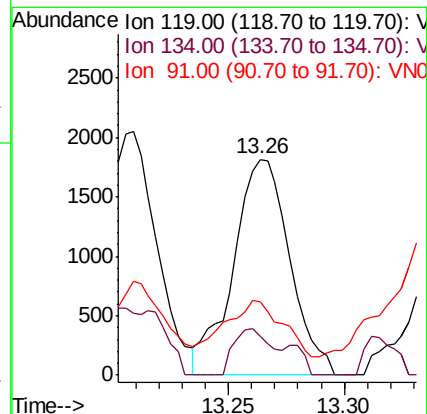
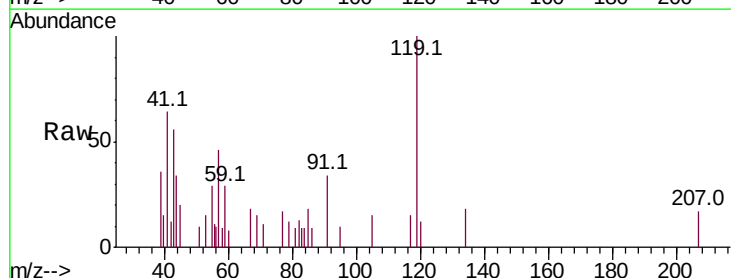
Tgt Ion:119 Resp: 3075

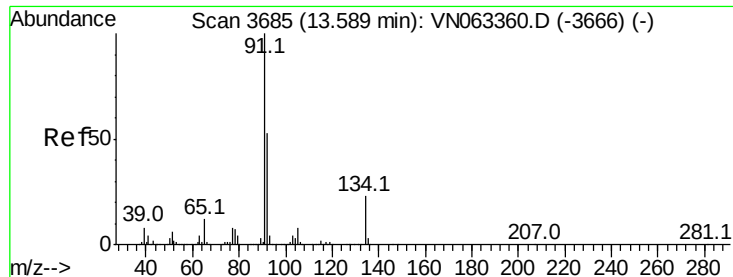
Ion Ratio Lower Upper

119 100

134 14.6 12.5 37.5

91 26.5 13.4 40.1





#89

n-Butylbenzene

Concen: 0.224 ug/l

RT: 13.56 min Scan# 3675

Delta R.T. -0.03 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

Instrument :

MSVOA_N

ClientSampled :

229

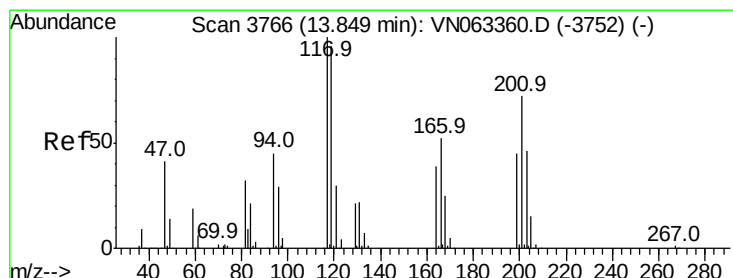
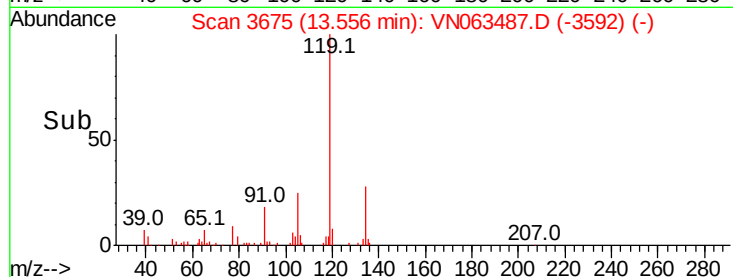
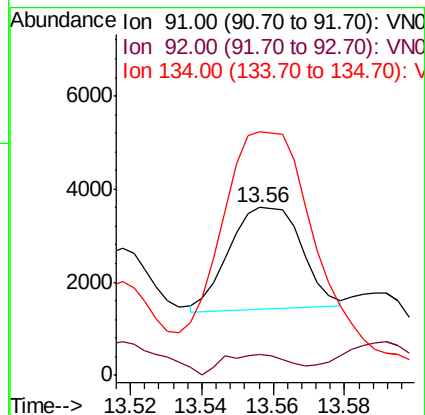
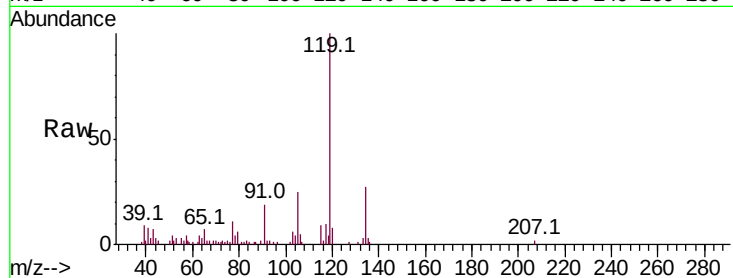
Tot Ion: 91 Resp: 3070

Ion Ratio Lower Upper

91 100

92 19.4 26.0 78.0#

134 330.5 11.7 35.0#



#90

Hexachloroethane

Concen: 1.651 ug/l

RT: 13.86 min Scan# 3770

Delta R.T. 0.01 min

Lab File: VN063487.D

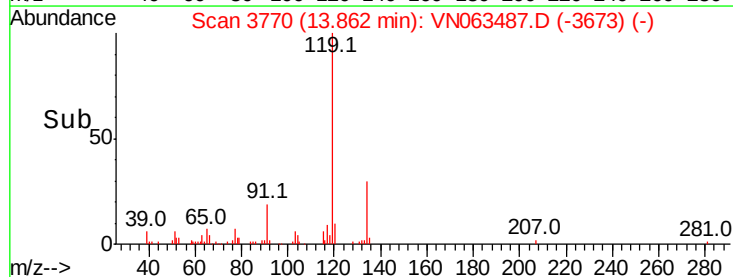
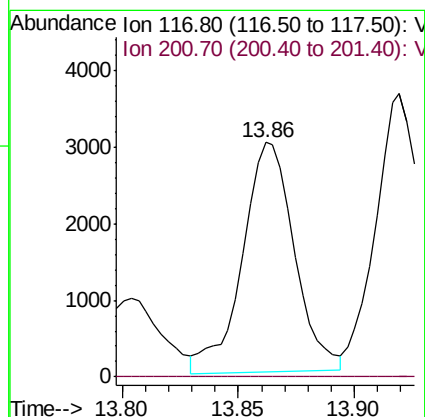
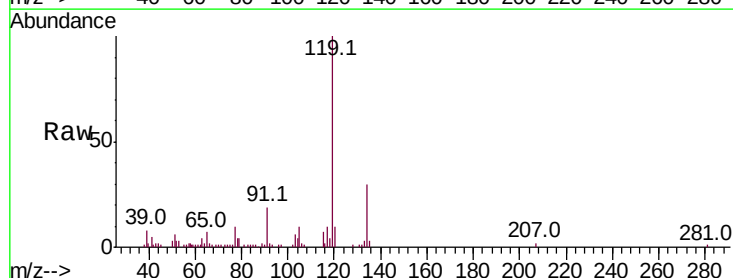
Acq: 21 Sep 2020 15:45

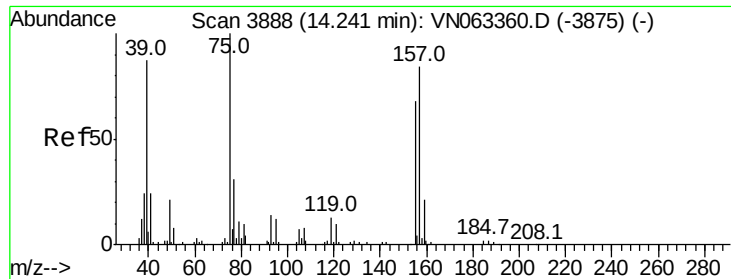
Tgt Ion: 117 Resp: 4680

Ion Ratio Lower Upper

117 100

201 0.0 35.5 106.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.489 ug/l

RT: 14.23 min Scan# 3884

Delta R.T. -0.01 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

Instrument :

MSVOA_N

ClientSampled :

229

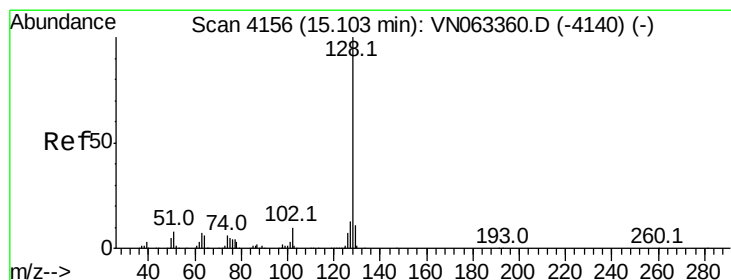
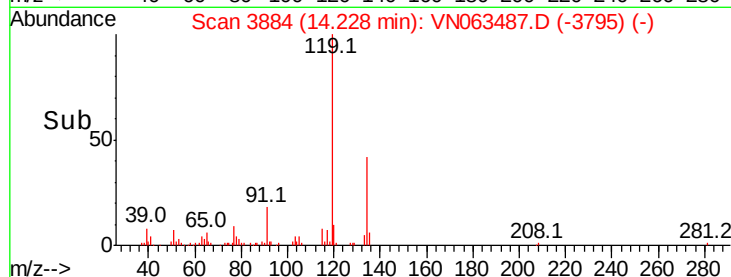
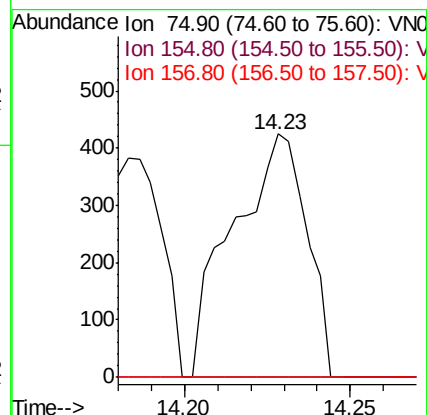
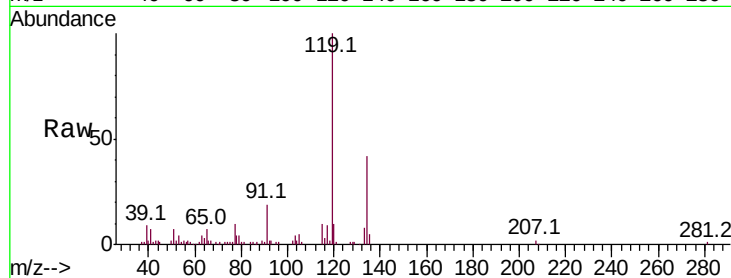
Tot Ion: 75 Resp: 661

Ion Ratio Lower Upper

75 100

155 0.0 34.6 103.9#

157 0.0 43.7 131.1#



#95

Naphthalene

Concen: 2.503 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

Tgt Ion: 128 Resp: 36577

Ion Ratio Lower Upper

128 100

127 15.5 10.6 15.8

129 13.9 8.8 13.2#

