

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091820\
 Data File : VN063472.D
 Acq On : 18 Sep 2020 21:00
 Operator : JC/MD
 Sample : L3952-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 16718

Quant Time: Sep 21 01:37:29 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	273852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	498563	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	494120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	246237	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	214209	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
35) Dibromofluoromethane	7.55	113	153584	44.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.00%	
50) Toluene-d8	10.06	98	621021	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.38	95	271641	57.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.20%	

Target Compounds

						Qvalue
8) Diethyl Ether	3.37	74	3185	1.506	ug/l #	1
11) Tert butyl alcohol	4.76	59	44229	68.486	ug/l	98
13) Acrolein	3.50	56	21964	91.774	ug/l #	1
14) Allyl chloride	4.23	41	4605	0.753	ug/l #	22
15) Acrylonitrile	5.00	53	3225	1.963	ug/l #	36
16) Acetone	3.79	43	690208	460.696	ug/l	100
18) Methyl Acetate	4.29	43	7724	2.031	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	245912	21.350	ug/l #	73
20) Methylene Chloride	4.51	84	3996	1.053	ug/l	95
22) Diisopropyl ether	5.90	45	389359	31.231	ug/l #	88
23) Vinyl Acetate	5.91	43	212114	20.717	ug/l #	76
25) 2-Butanone	6.79	43	324771	140.949	ug/l	100
29) Tetrahydrofuran	7.17	42	1857	1.180	ug/l #	69
31) Cyclohexane	7.61	56	54612	8.482	ug/l #	94
36) 1,1-Dichloropropene	7.62	75	25052	4.717	ug/l #	52
37) Ethyl Acetate	6.88	43	544645	104.478	ug/l	98
38) Carbon Tetrachloride	7.62	117	29800	5.496	ug/l #	17
39) Methylcyclohexane	9.05	83	14620	2.536	ug/l	97
40) Benzene	8.00	78	9609918	633.805	ug/l #	78
41) Methacrylonitrile	7.18	41	5660	2.414	ug/l #	100
42) 1,2-Dichloroethane	8.00	62	114301	18.746	ug/l	78
43) Isopropyl Acetate	8.20	43	17267	1.852	ug/l #	21
48) Methyl methacrylate	9.14	41	3143	0.686	ug/l #	25
51) 4-Methyl-2-Pentanone	10.04	43	21799	4.177	ug/l	96
52) Toluene	10.13	92	8801943	965.537	ug/l #	64
53) t-1,3-Dichloropropene	10.13	75	171044	27.172	ug/l #	1
59) 2-Hexanone	10.73	43	2719	0.719	ug/l	72
67) Ethyl Benzene	11.48	91	1645775	83.320	ug/l	99
68) m/p-Xylenes	11.59	106	2368919	332.633	ug/l	93
69) o-Xylene	11.92	106	1178488	173.711	ug/l	97
70) Styrene	11.92	104	83264	7.319	ug/l #	1
73) Isopropylbenzene	12.22	105	51155	2.592	ug/l	99
74) N-amyl acetate	12.08	43	1914	0.205	ug/l #	23
76) 1,2,3-Trichloropropane	12.63	75	6294	1.033	ug/l #	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091820\
 Data File : VN063472.D
 Acq On : 18 Sep 2020 21:00
 Operator : JC/MD
 Sample : L3952-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 16718

Quant Time: Sep 21 01:37:29 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

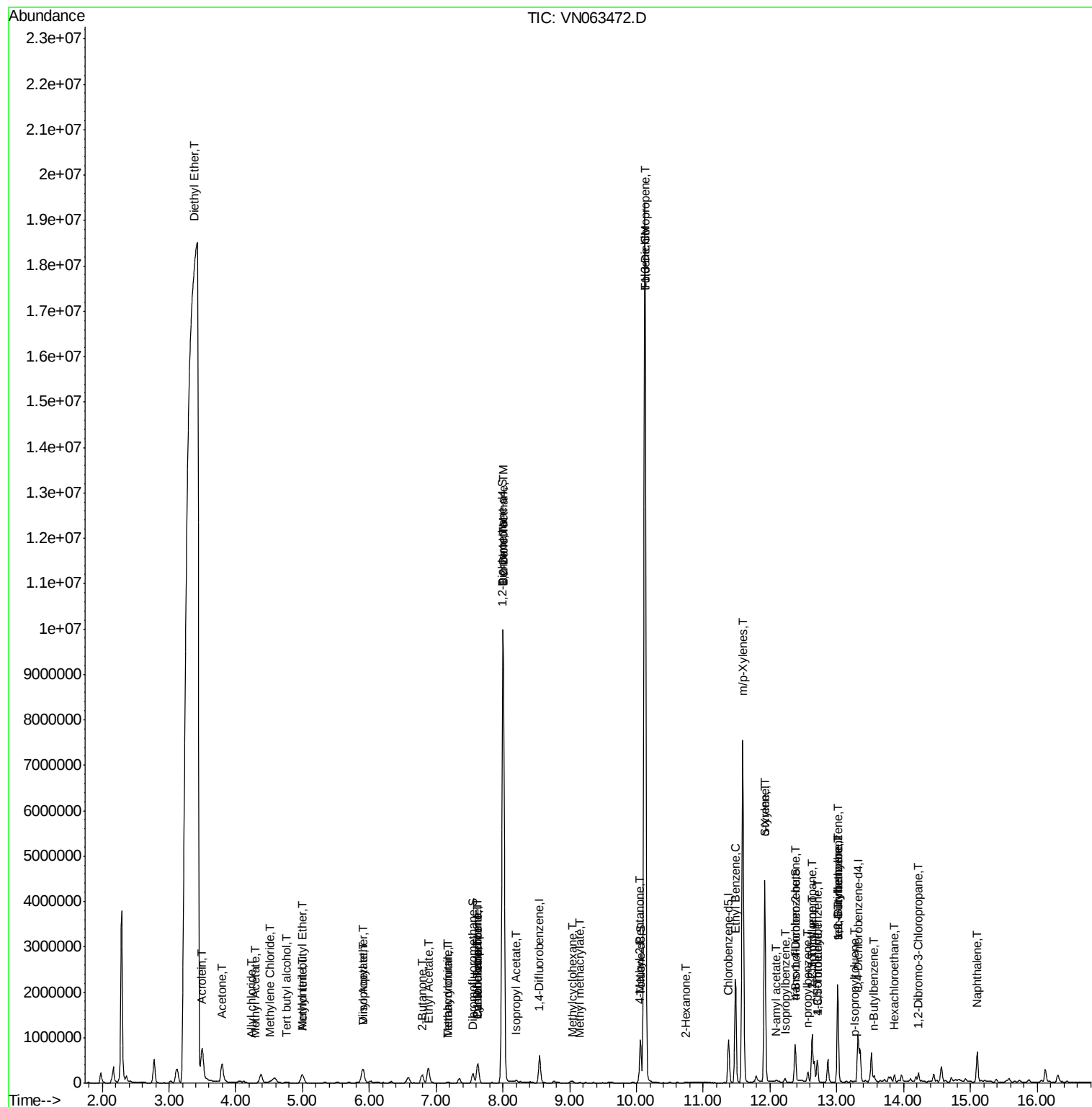
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	12.57	91	171293	7.453	ug/l	100
79) 2-Chlorotoluene	12.63	91	79784	5.791	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.71	105	252428	15.341	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	151986	68.369	ug/l #	7
82) 4-Chlorotoluene	12.71	91	30624	2.104	ug/l #	44
83) tert-Butylbenzene	13.02	119	139761	10.292	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.02	105	1201903	72.317	ug/l	99
85) sec-Butylbenzene	13.02	105	1201903	66.119	ug/l #	59
86) p-Isopropyltoluene	13.27	119	5416	0.338	ug/l #	69
89) n-Butylbenzene	13.56	91	5651	0.382	ug/l #	1
90) Hexachloroethane	13.87	117	8835	2.894	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.22	75	1265	0.869	ug/l #	14
95) Naphthalene	15.10	128	526248	33.452	ug/l	100

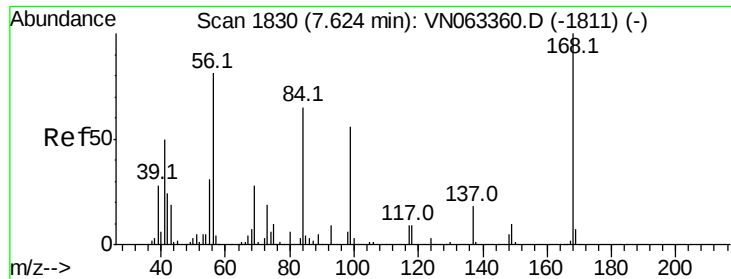
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091820\
Data File : VN063472.D
Acq On : 18 Sep 2020 21:00
Operator : JC/MD
Sample : L3952-16
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
16718

Quant Time: Sep 21 01:37:29 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: VN063472.D

Acq: 18 Sep 2020 21:00

Instrument :

MSVOA_N

ClientSampleId :

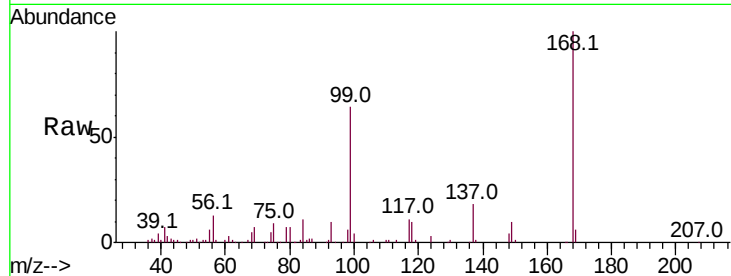
16718

Tot Ion:168 Resp: 273852

Ion Ratio Lower Upper

168 100

99 64.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

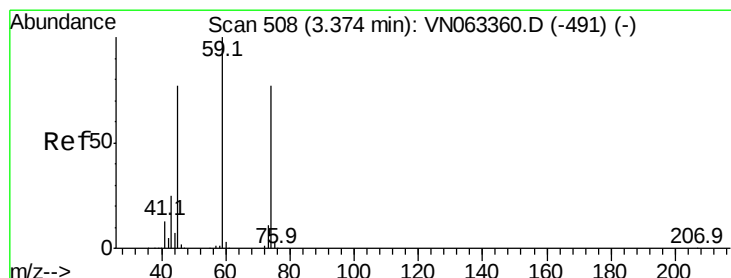
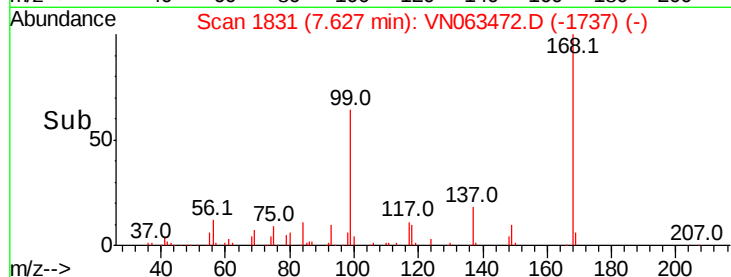
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#8

Diethyl Ether

Concen: 1.506 ug/l

RT: 3.37 min Scan# 508

Delta R.T. -0.00 min

Lab File: VN063472.D

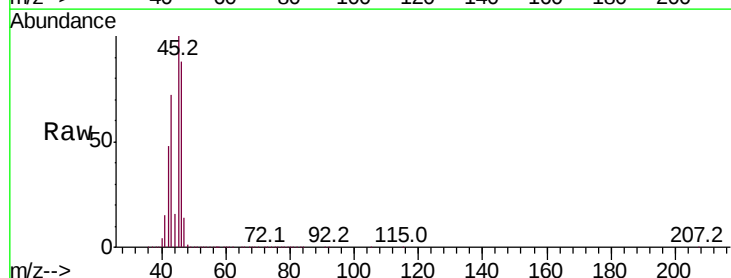
Acq: 18 Sep 2020 21:00

Tgt Ion: 74 Resp: 3185

Ion Ratio Lower Upper

74 100

45 0.0 52.1 156.4#



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

6000000

5000000

4000000

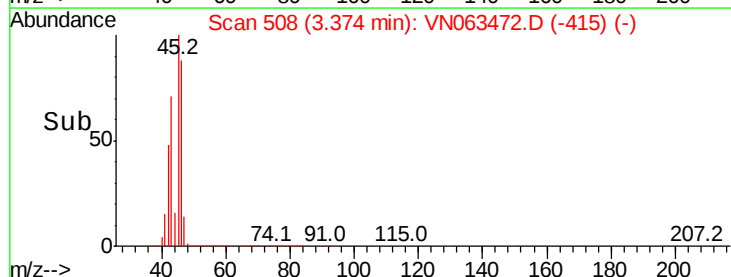
3000000

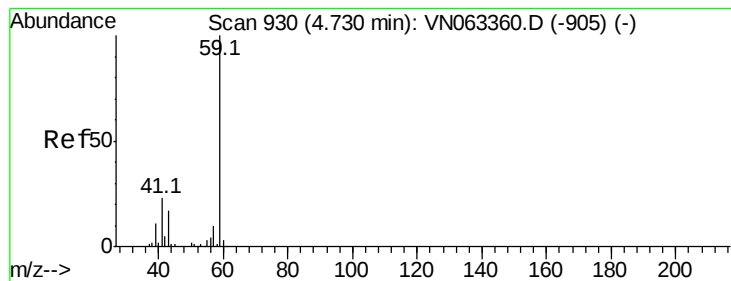
2000000

1000000

0

Time--> 3.30 3.35 3.40





#11

Tert butyl alcohol

Concen: 68.486 ug/l

RT: 4.76 min Scan# 939

Delta R.T. 0.03 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

Instrument :

MSVOA_N

ClientSampled :

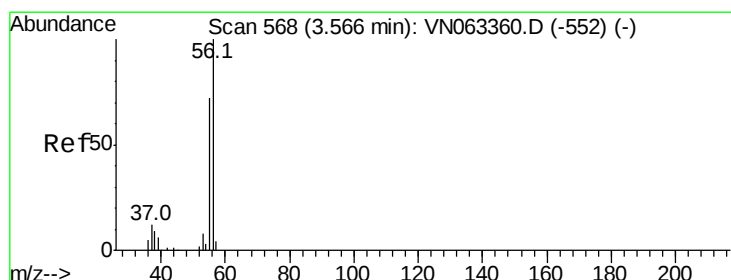
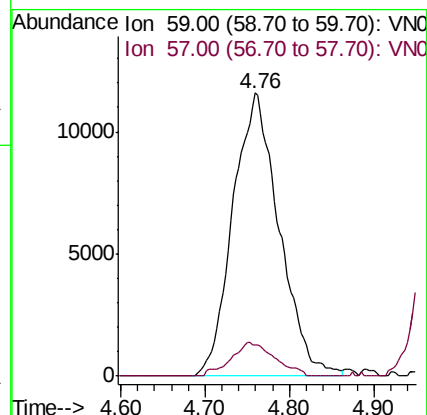
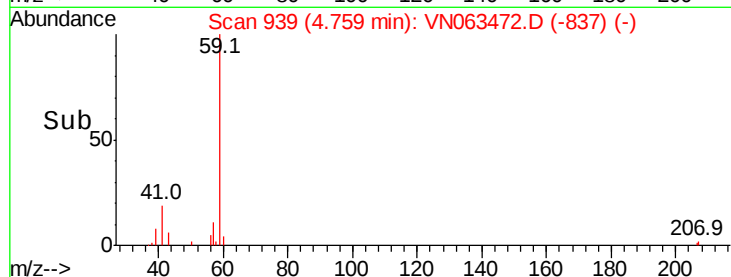
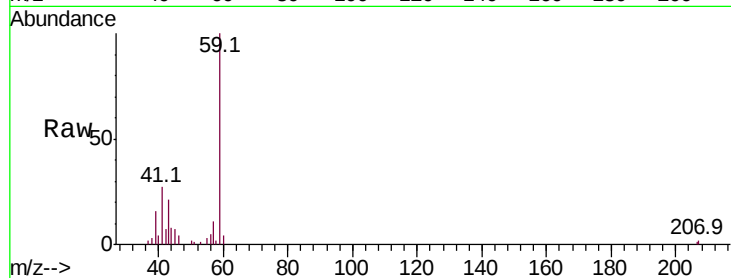
16718

Tot Ion: 59 Resp: 44229

Ion Ratio Lower Upper

59 100

57 11.2 8.4 12.6



#13

Acrolein

Concen: 91.774 ug/l

RT: 3.50 min Scan# 546

Delta R.T. -0.07 min

Lab File: VN063472.D

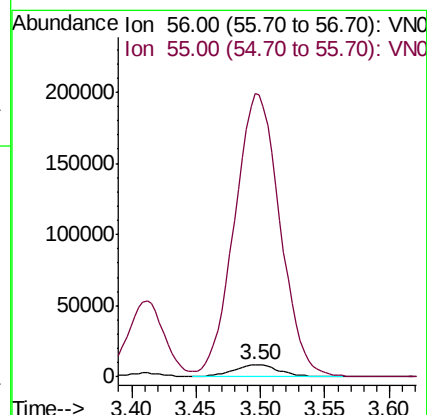
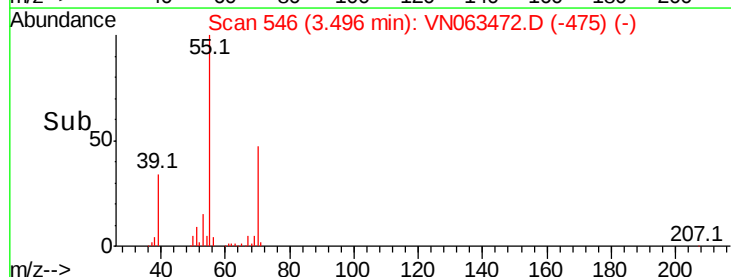
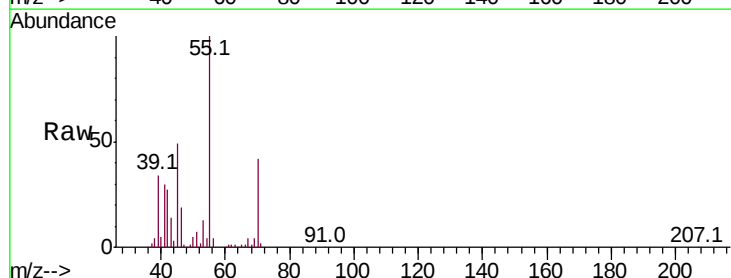
Acq: 18 Sep 2020 21:00

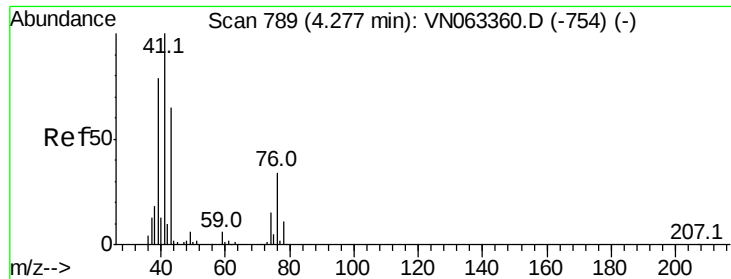
Tgt Ion: 56 Resp: 21964

Ion Ratio Lower Upper

56 100

55 2217.5 58.2 87.2#

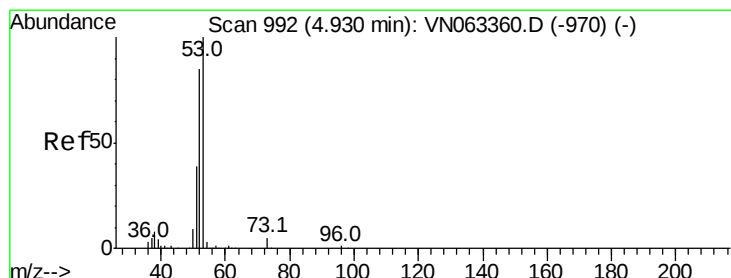
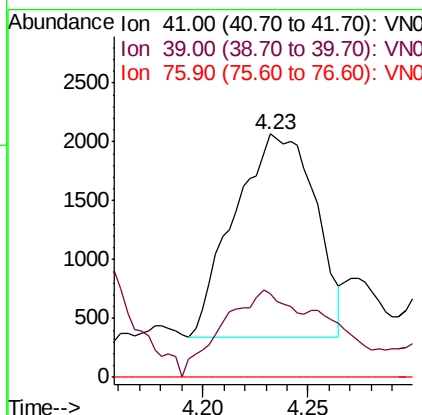
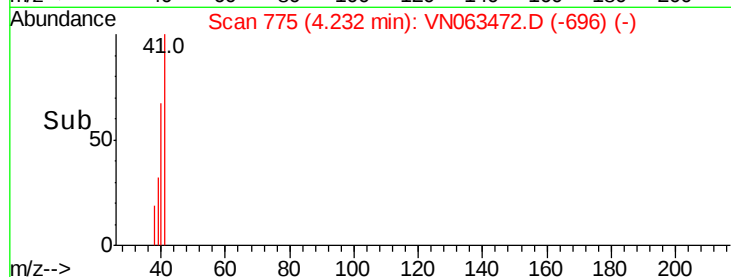
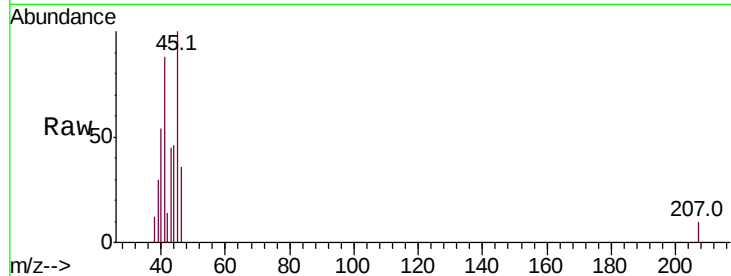




#14
Allvl chloride
Concen: 0.753 ug/l
RT: 4.23 min Scan# 775
Delta R.T. -0.05 min
Lab File: VN063472.D
Acq: 18 Sep 2020 21:00

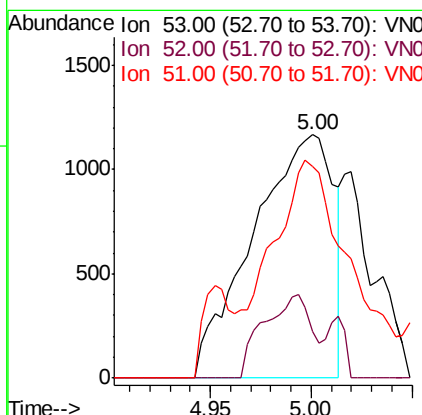
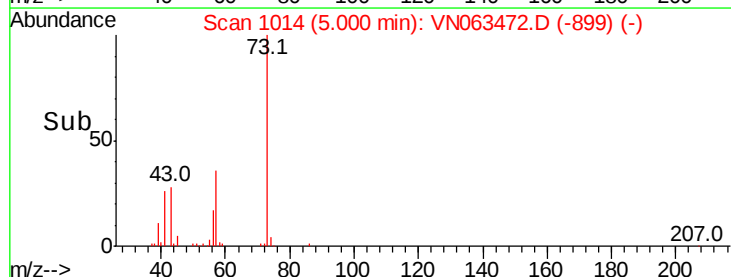
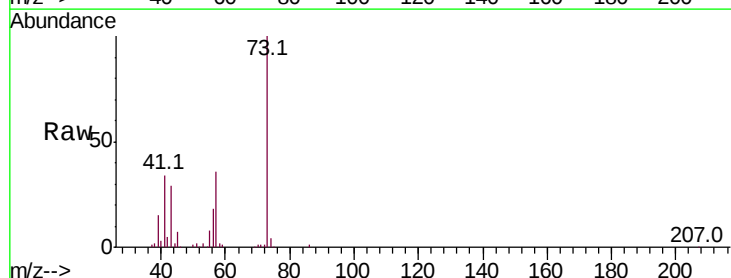
Instrument :
MSVOA_N
ClientSampled :
16718

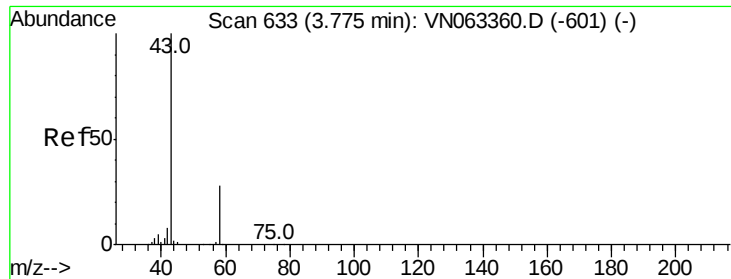
Tot Ion: 41 Resp: 4605
Ion Ratio Lower Upper
41 100
39 0.0 59.3 88.9#
76 0.0 25.3 37.9#



#15
Acrylonitrile
Concen: 1.963 ug/l
RT: 5.00 min Scan# 1014
Delta R.T. 0.07 min
Lab File: VN063472.D
Acq: 18 Sep 2020 21:00

Tgt Ion: 53 Resp: 3225
Ion Ratio Lower Upper
53 100
52 20.1 66.4 99.6#
51 68.5 30.2 45.4#





#16

Acetone

Concen: 460.696 ug/l

RT: 3.79 min Scan# 639

Delta R.T. 0.02 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

Instrument :

MSVOA_N

ClientSampled :

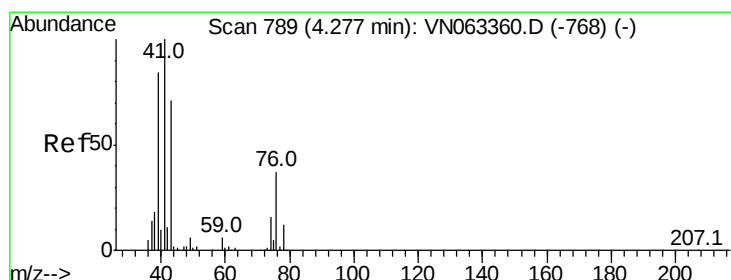
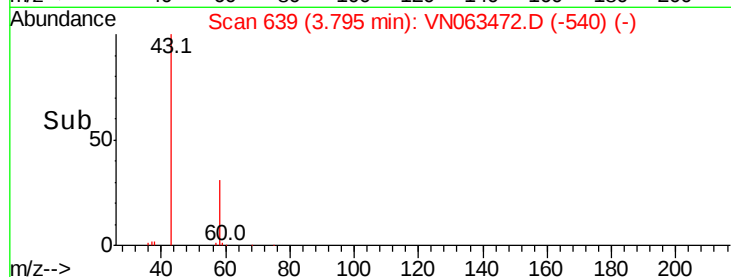
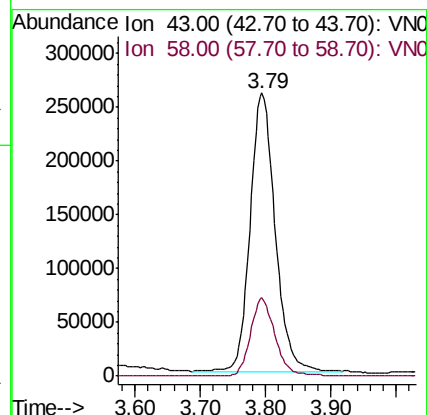
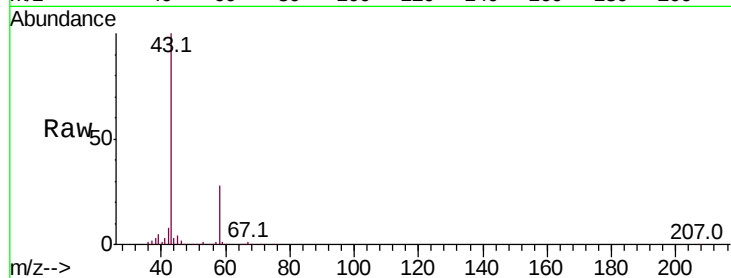
16718

Tot Ion: 43 Resp: 690208

Ion Ratio Lower Upper

43 100

58 27.9 22.3 33.5



#18

Methyl Acetate

Concen: 2.031 ug/l

RT: 4.29 min Scan# 793

Delta R.T. 0.01 min

Lab File: VN063472.D

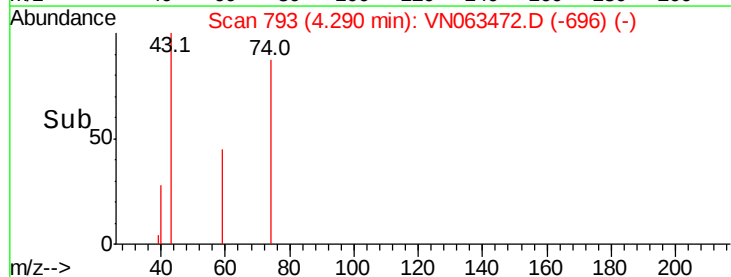
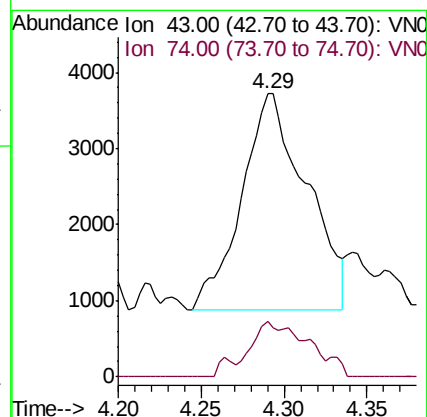
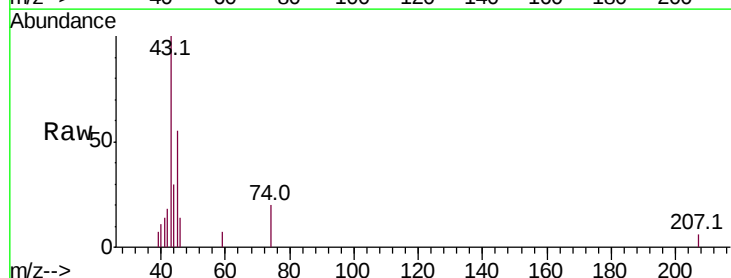
Acq: 18 Sep 2020 21:00

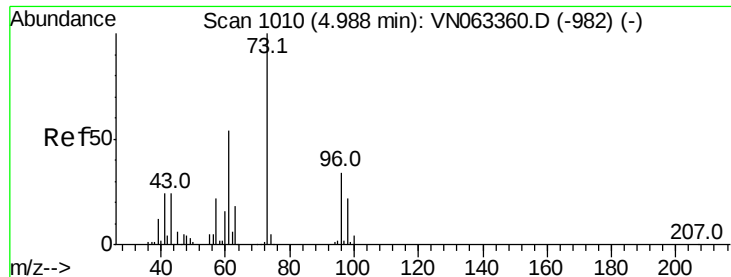
Tgt Ion: 43 Resp: 7724

Ion Ratio Lower Upper

43 100

74 22.4 17.4 26.2



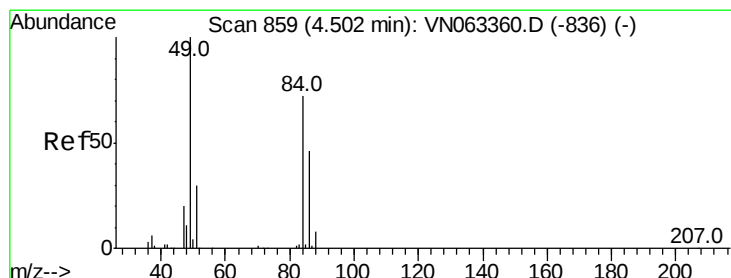
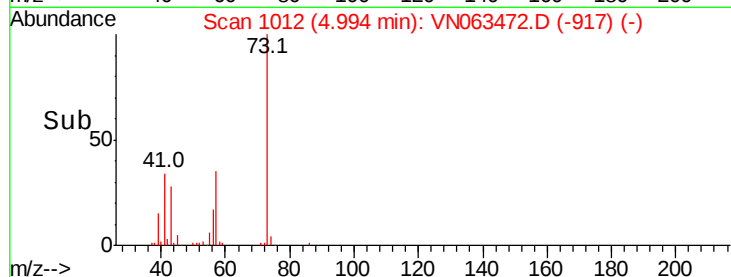
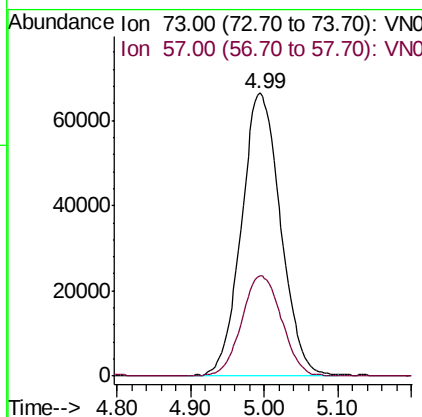
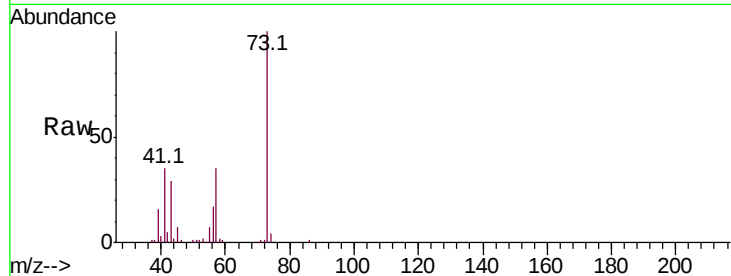


#19

Methyl tert-butyl Ether
 Concen: 21.350 ug/l
 RT: 4.99 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: VN063472.D
 Acq: 18 Sep 2020 21:00

Instrument :
 MSVOA_N
 ClientSampleId :
 16718

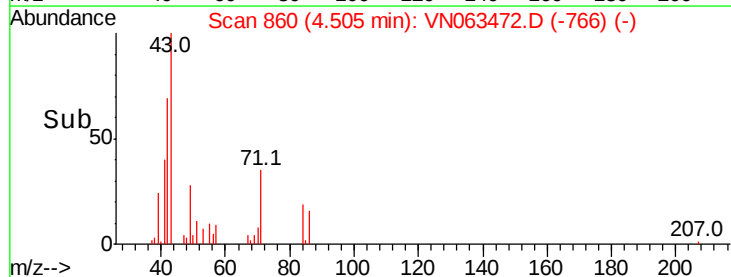
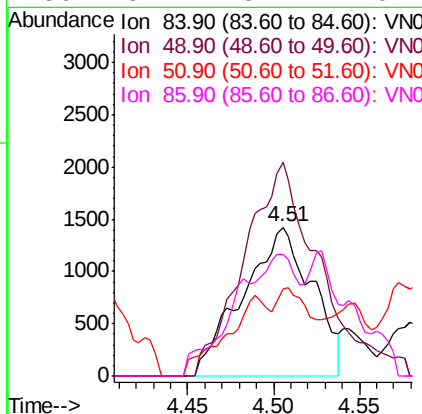
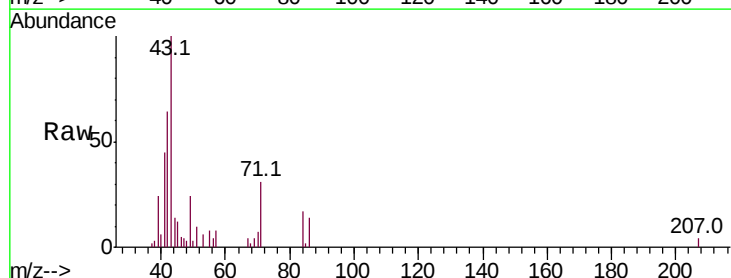
Tot Ion: 73 Resp: 245912
 Ion Ratio Lower Upper
 73 100
 57 35.5 17.9 26.9#

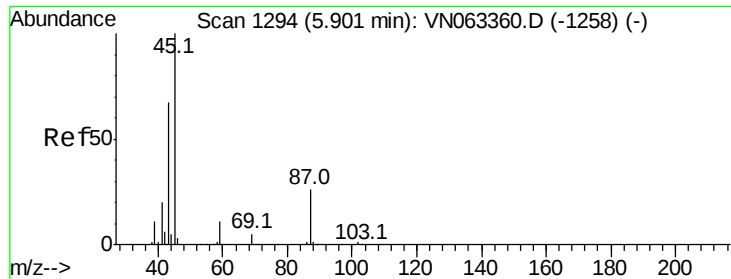


#20

Methylene Chloride
 Concen: 1.053 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN063472.D
 Acq: 18 Sep 2020 21:00

Tgt Ion: 84 Resp: 3996
 Ion Ratio Lower Upper
 84 100
 49 143.5 110.7 166.1
 51 47.0 32.9 49.3
 86 67.2 51.1 76.7

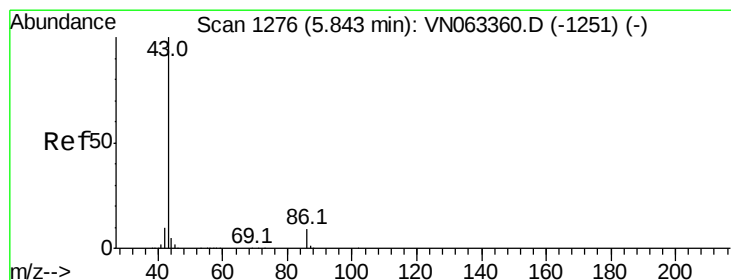
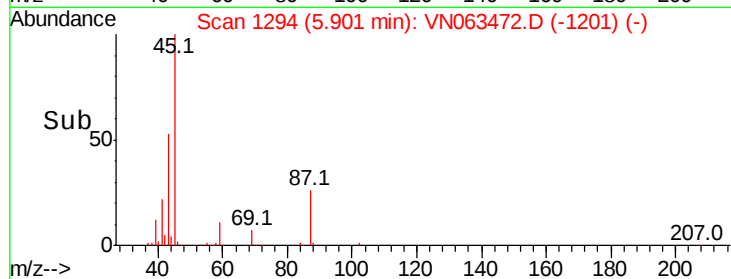
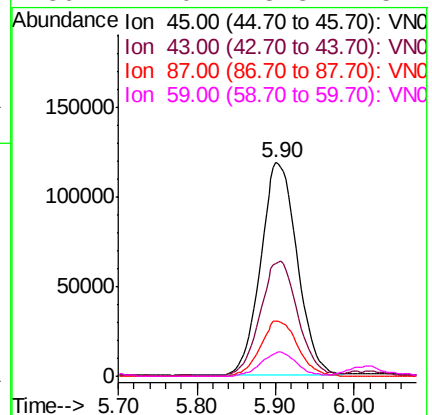
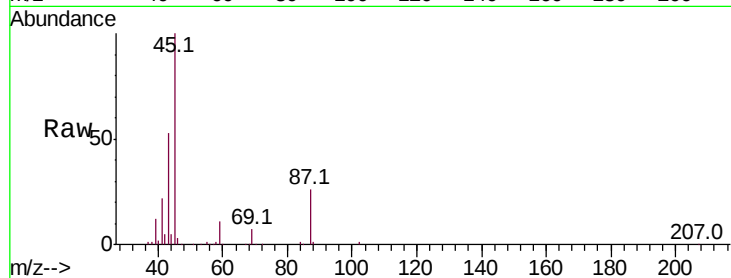




#22
Diisopropyl ether
Concen: 31.231 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063472.D
Acq: 18 Sep 2020 21:00

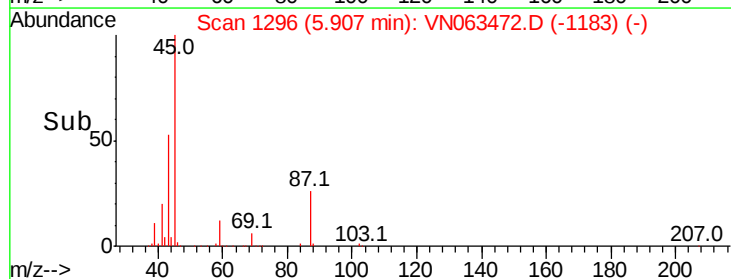
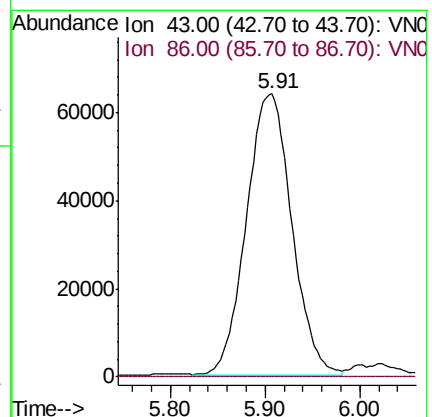
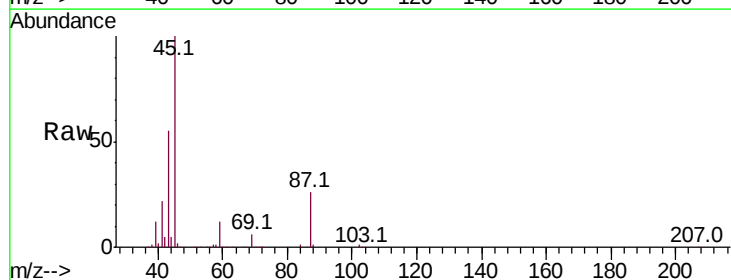
Instrument :
MSVOA_N
ClientSampled :
16718

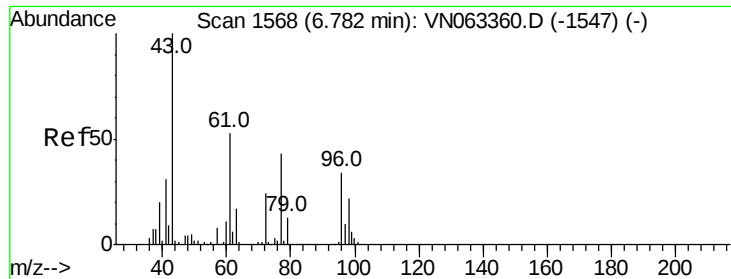
Tot Ion: 45 Resp: 389359
Ion Ratio Lower Upper
45 100
43 52.6 53.5 80.3#
87 26.1 21.2 31.8
59 11.0 8.8 13.2



#23
Vinyl Acetate
Concen: 20.717 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.06 min
Lab File: VN063472.D
Acq: 18 Sep 2020 21:00

Tgt Ion: 43 Resp: 212114
Ion Ratio Lower Upper
43 100
86 0.4 7.1 10.7#





#25

2-Butanone

Concen: 140.949 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

Instrument :

MSVOA_N

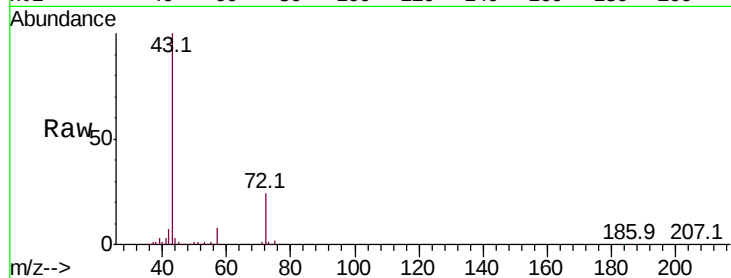
ClientSampleId :
16718

Tot Ion: 43 Resp: 324771

Ion Ratio Lower Upper

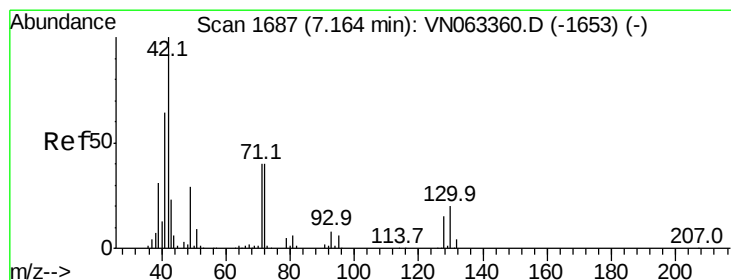
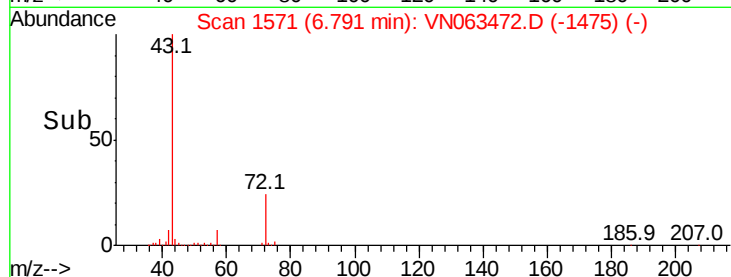
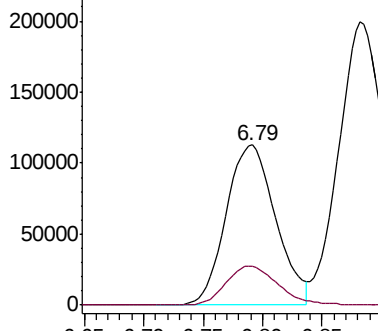
43 100

72 24.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 1.180 ug/l

RT: 7.17 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

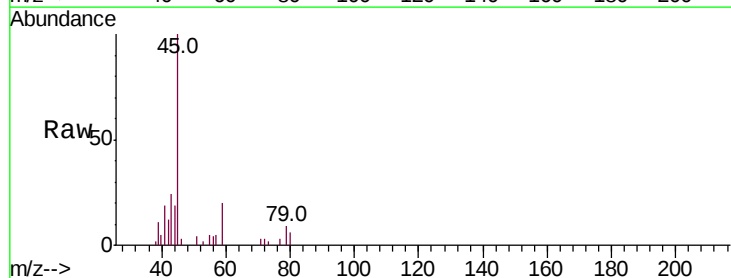
Tgt Ion: 42 Resp: 1857

Ion Ratio Lower Upper

42 100

72 26.8 32.1 48.1#

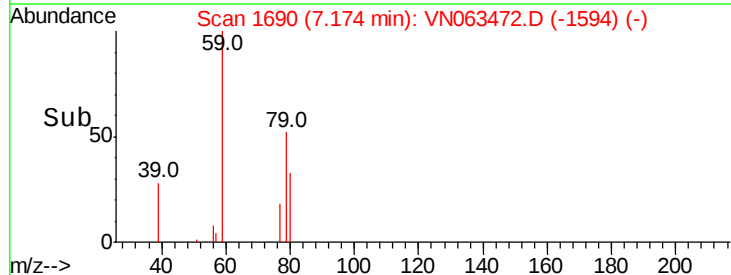
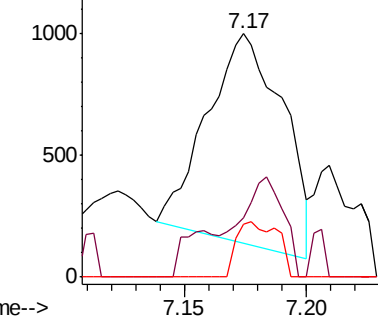
71 14.3 31.2 46.8#

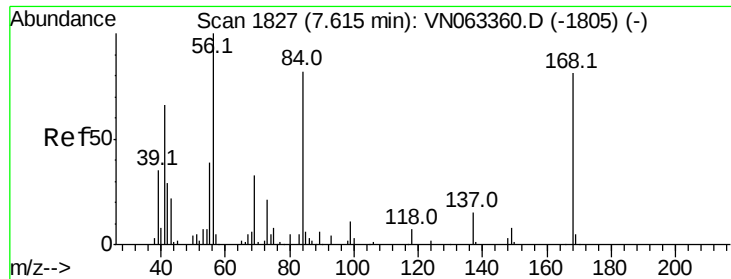


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

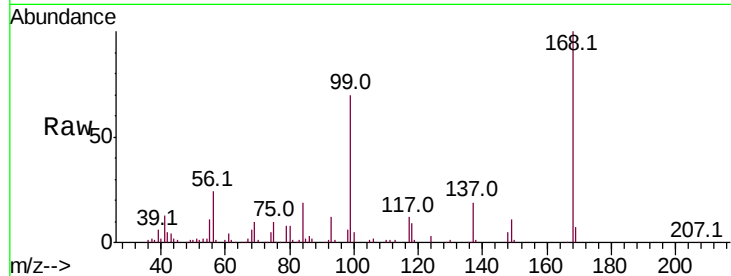




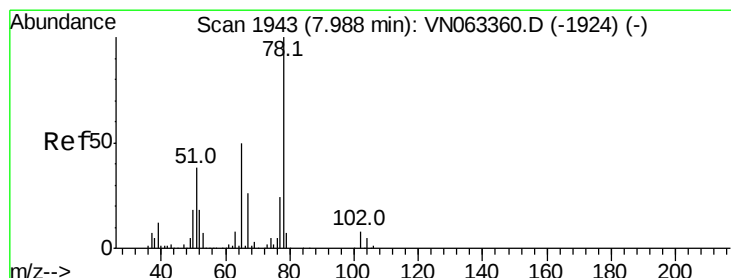
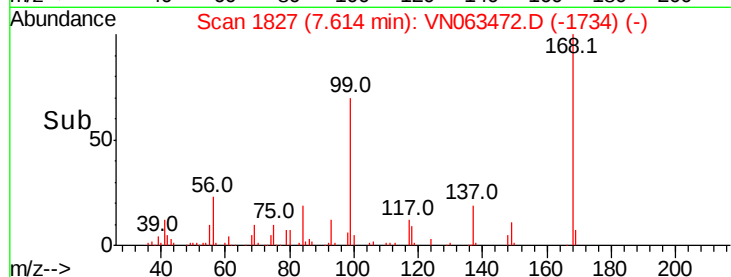
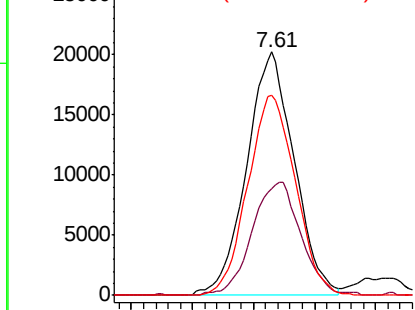
#31
Cyclohexane
Concen: 8.482 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063472.D
Acq: 18 Sep 2020 21:00

Instrument :
MSVOA_N
ClientSampled :
16718

Tot Ion: 56 Resp: 54612
Ion Ratio Lower Upper
56 100
69 44.0 26.1 39.1#
84 82.2 65.4 98.2

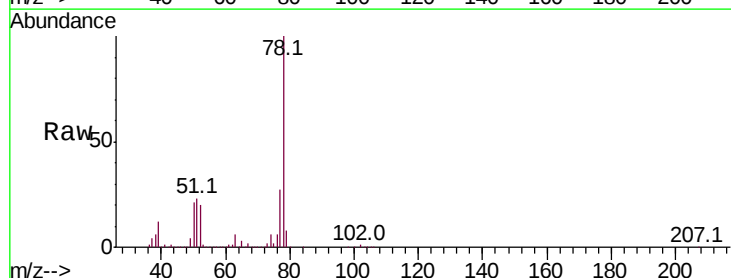


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

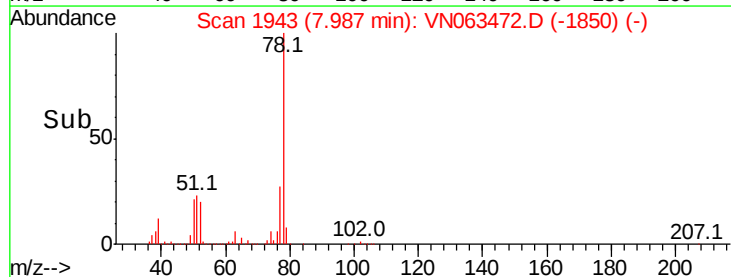
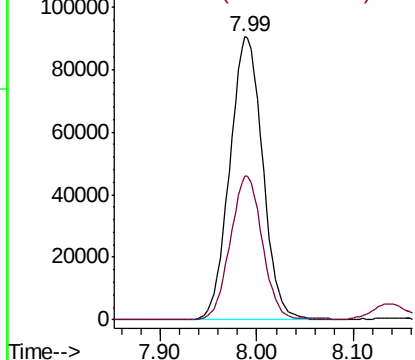


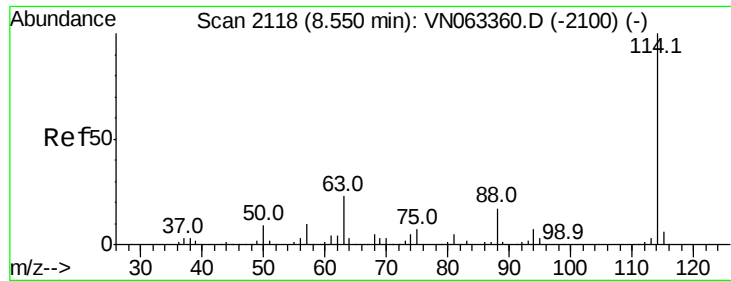
#33
1,2-Dichloroethane-d4
Concen: 45.951 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063472.D
Acq: 18 Sep 2020 21:00

Tgt Ion: 65 Resp: 214209
Ion Ratio Lower Upper
65 100
67 49.4 0.0 104.2



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

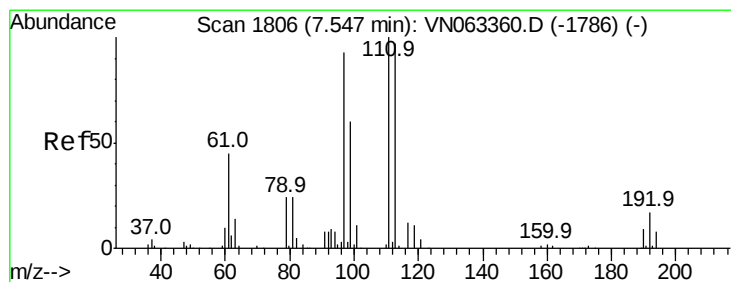
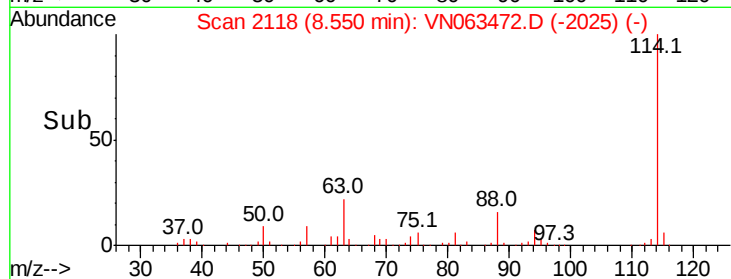
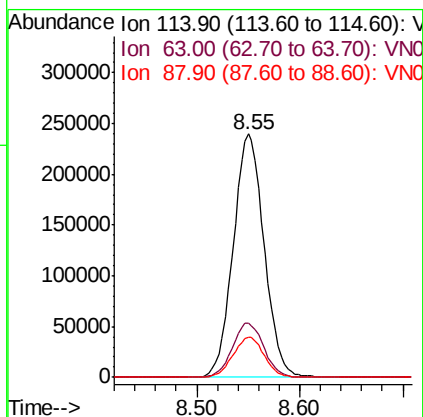
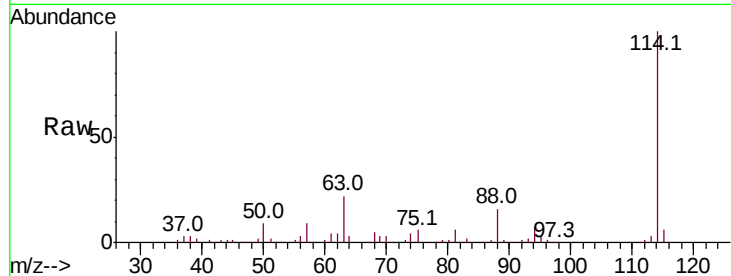




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063472.D
 Acq: 18 Sep 2020 21:00

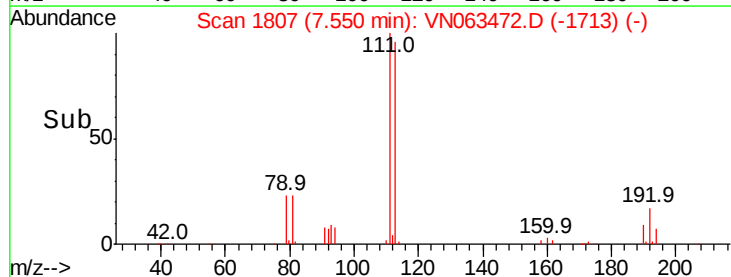
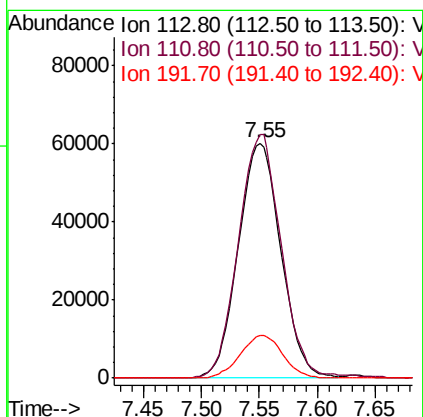
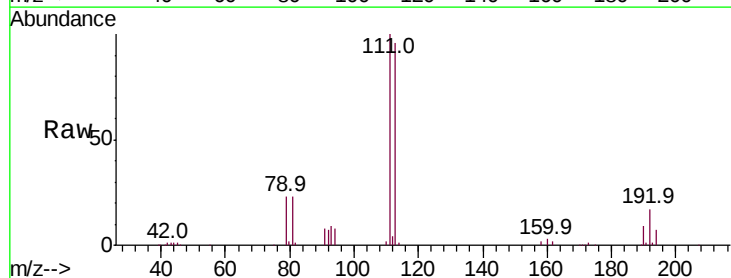
Instrument :
 MSVOA_N
 ClientSampleId :
 16718

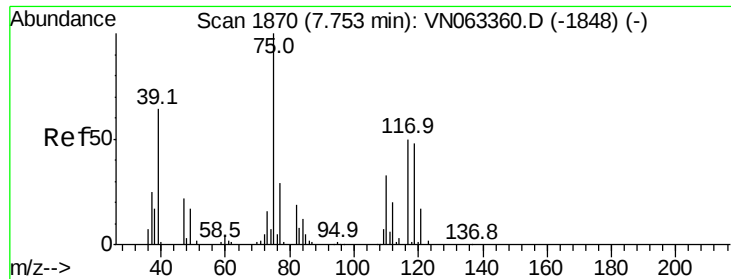
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	46.4
88	16.4	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 44.498 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063472.D
 Acq: 18 Sep 2020 21:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.9	124.3
192	18.1	13.9	20.9

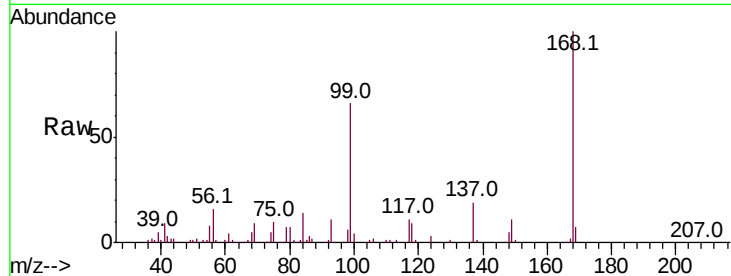




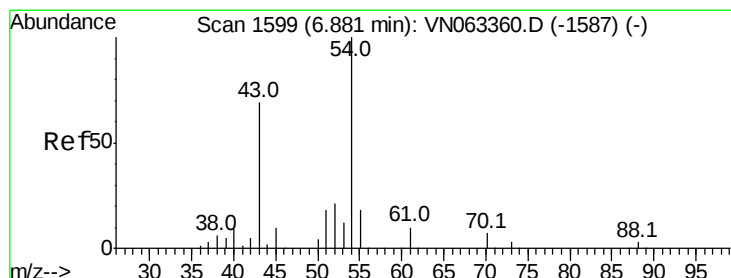
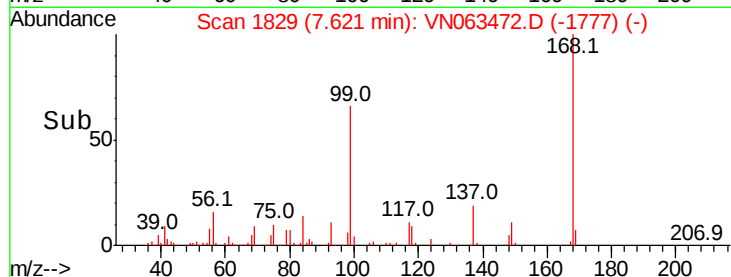
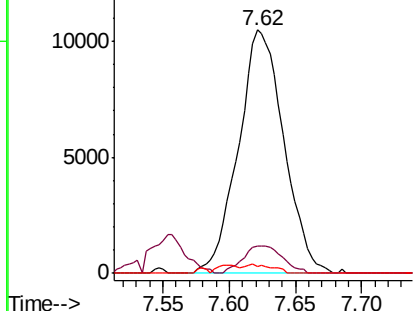
#36
 1,1-Dichloropropene
 Concen: 4.717 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN063472.D
 Acq: 18 Sep 2020 21:00

Instrument :
 MSVOA_N
 ClientSampled :
 16718

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.8	16.5	49.5#
77	0.0	24.6	36.8#

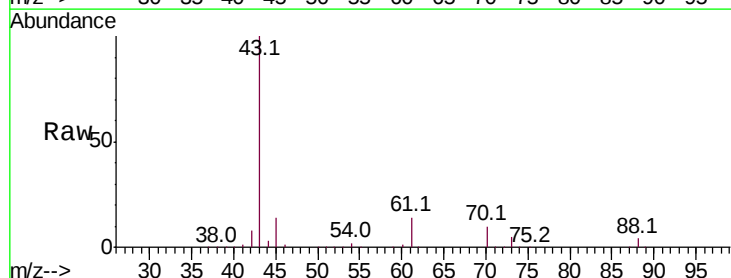


Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-1848) (-)
 Ion 109.90 (109.60 to 110.60): VN063360.D (-1848) (-)
 Ion 76.90 (76.60 to 77.60): VN063360.D (-1848) (-)

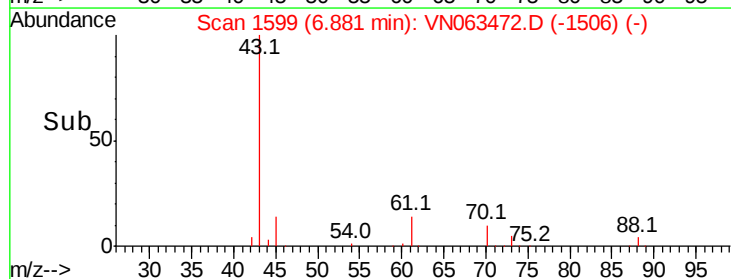
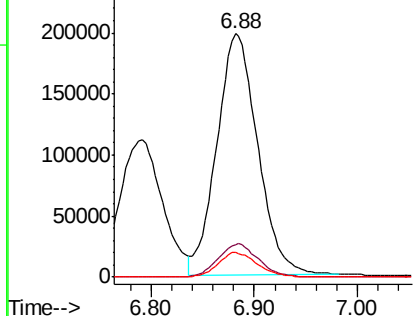


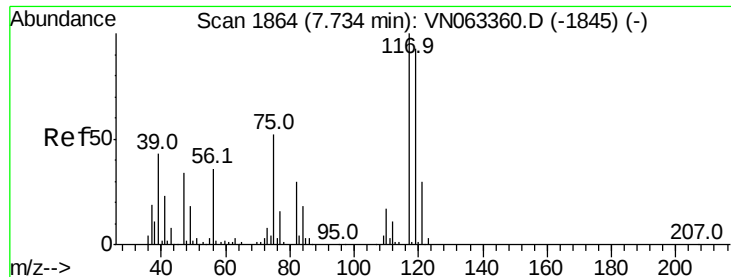
#37
 Ethyl Acetate
 Concen: 104.478 ug/l
 RT: 6.88 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: VN063472.D
 Acq: 18 Sep 2020 21:00

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.6	15.8
70	10.1	7.2	10.8



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1587) (-)
 Ion 60.90 (60.60 to 61.60): VN063360.D (-1587) (-)
 Ion 70.00 (69.70 to 70.70): VN063360.D (-1587) (-)





#38

Carbon Tetrachloride

Concen: 5.496 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

Instrument :

MSVOA_N

ClientSampleId :

16718

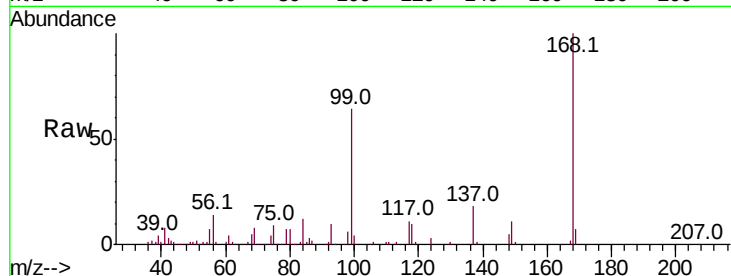
Tot Ion:117 Resp: 29800

Ion Ratio Lower Upper

117 100

119 5.1 74.5 111.7#

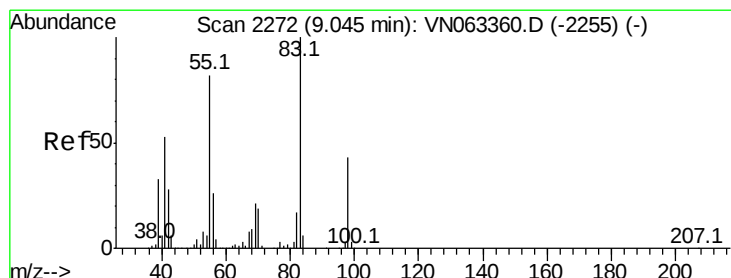
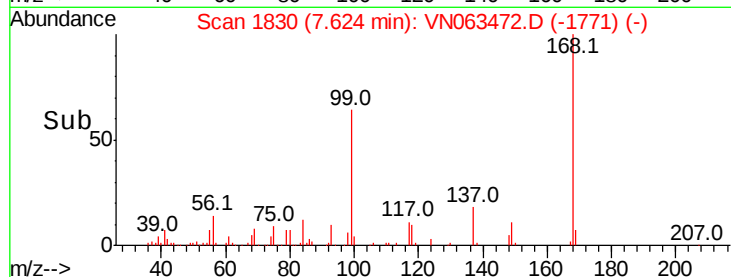
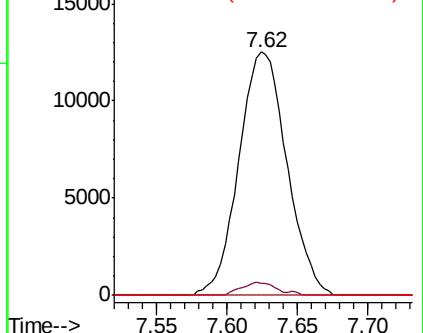
121 0.0 24.1 36.1#



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: 2.536 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

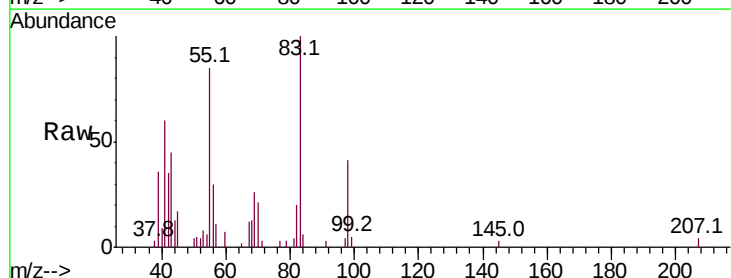
Tgt Ion: 83 Resp: 14620

Ion Ratio Lower Upper

83 100

55 84.5 65.5 98.3

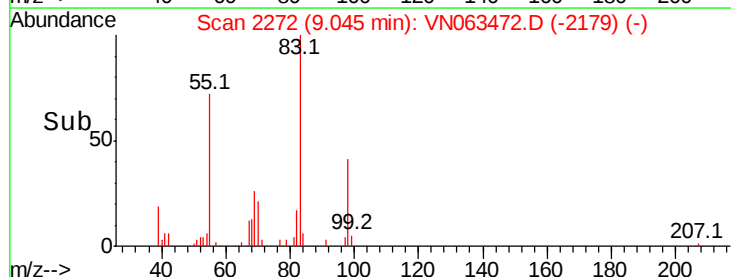
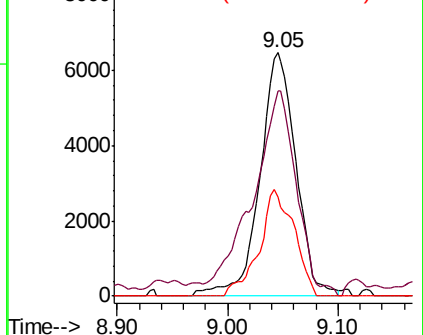
98 40.5 34.2 51.4

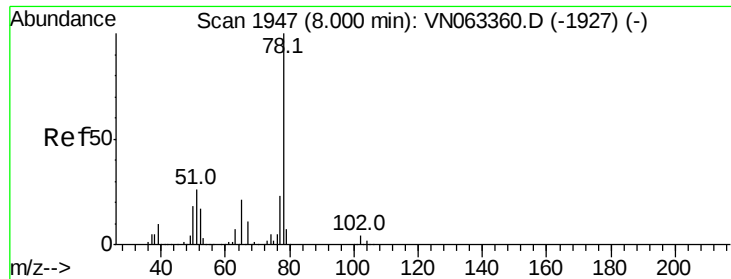


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 633.805 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

Instrument :

MSVOA_N

ClientSampleId :

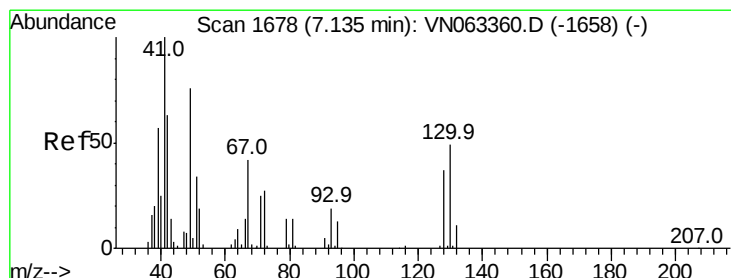
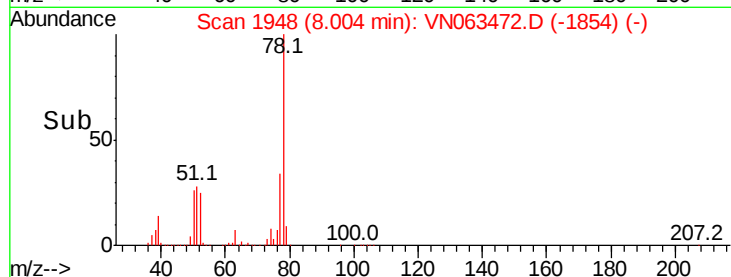
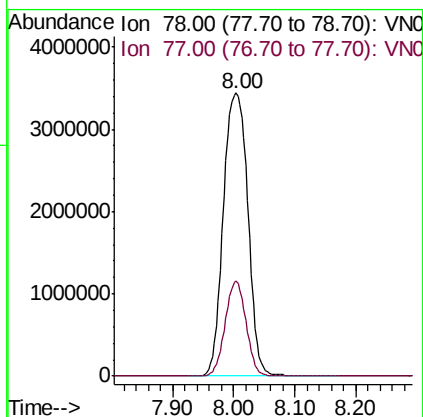
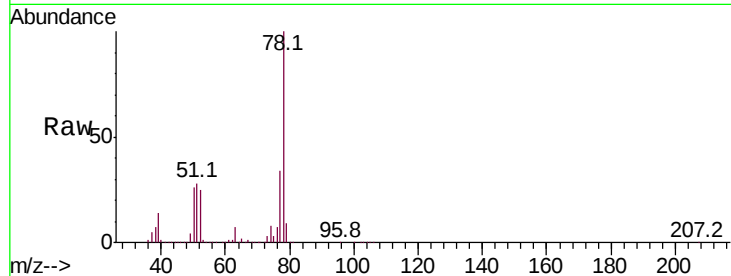
16718

Tot Ion: 78 Resp: 9609918

Ion Ratio Lower Upper

78 100

77 33.7 18.3 27.5#



#41

Methacrylonitrile

Concen: 2.414 ug/l

RT: 7.18 min Scan# 1693

Delta R.T. 0.05 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

Tgt Ion: 41 Resp: 5660

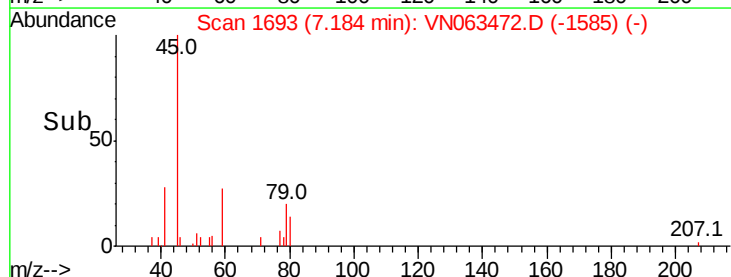
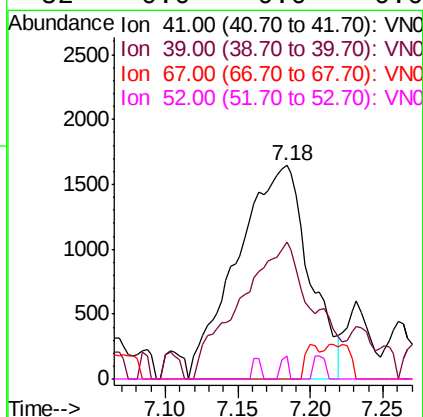
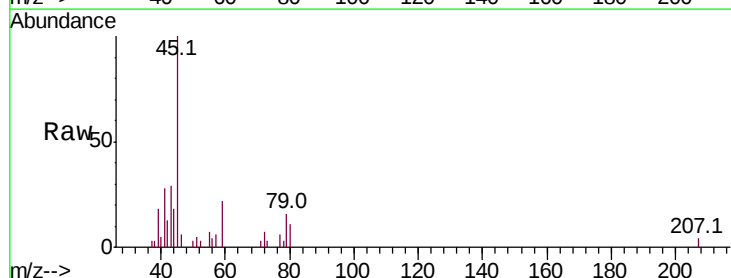
Ion Ratio Lower Upper

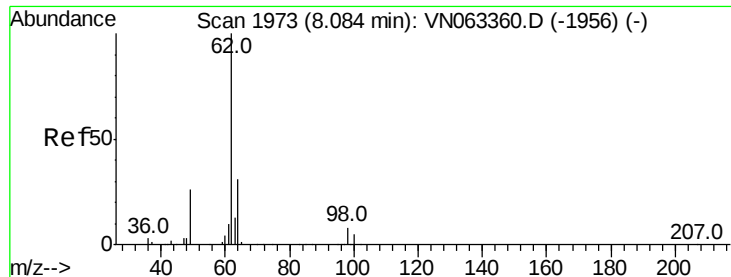
41 100

39 57.1 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0





#42

1,2-Dichloroethane

Concen: 18.746 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. -0.08 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

Instrument :

MSVOA_N

ClientSampled :

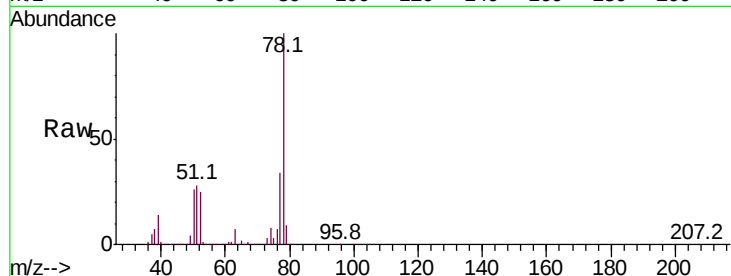
16718

Tot Ion: 62 Resp: 114301

Ion Ratio Lower Upper

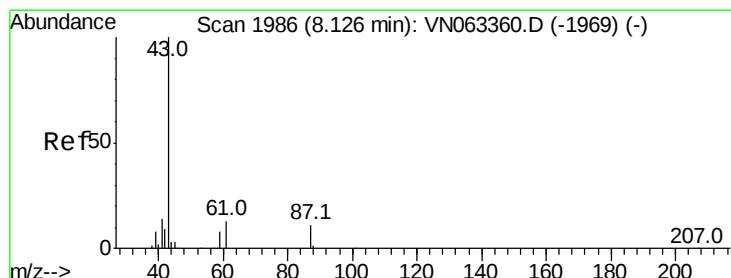
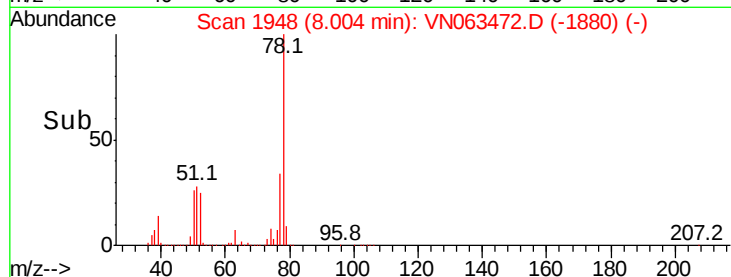
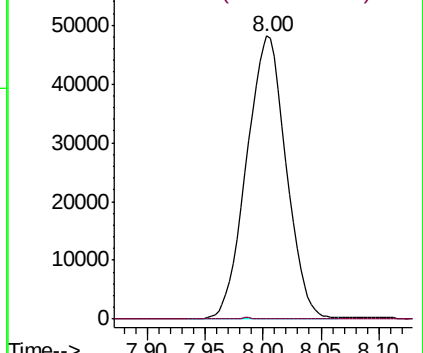
62 100

98 0.1 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#43

Isopropyl Acetate

Concen: 1.852 ug/l

RT: 8.20 min Scan# 2010

Delta R.T. 0.08 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

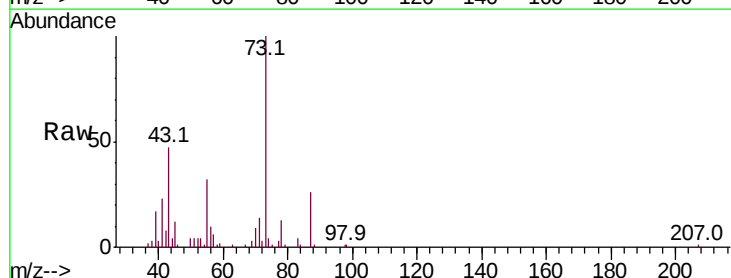
Tgt Ion: 43 Resp: 17267

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.2#

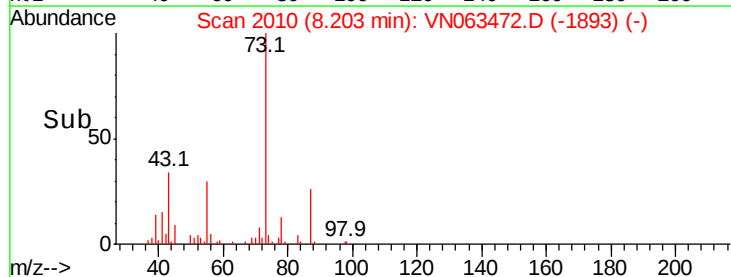
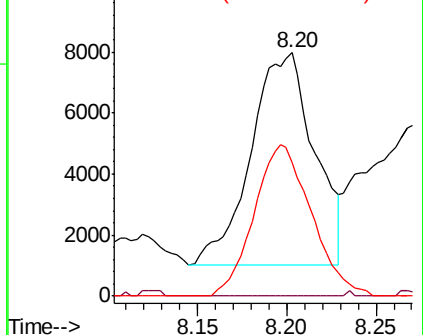
87 64.3 9.0 13.6#

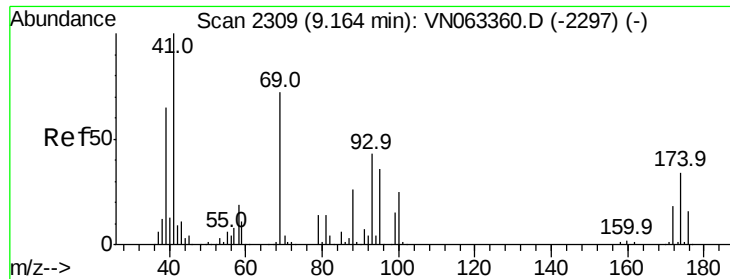


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

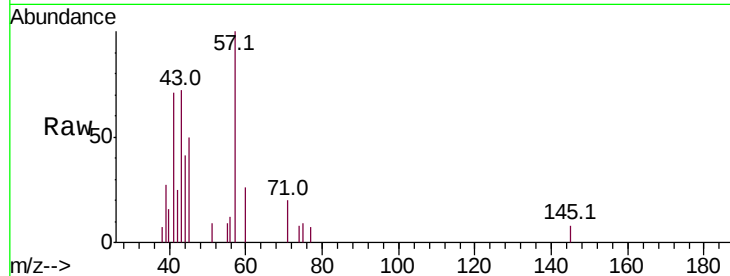




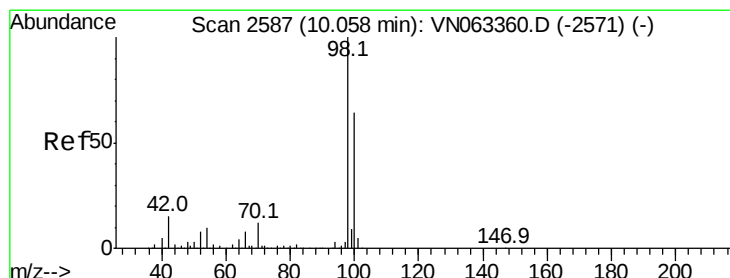
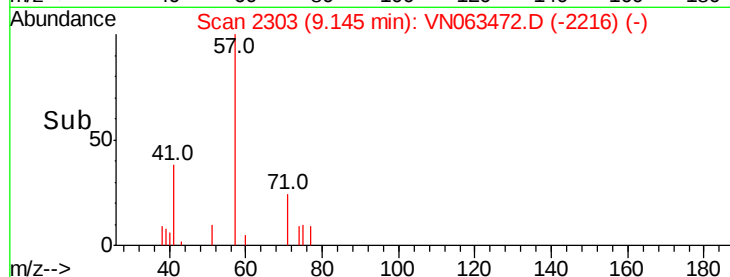
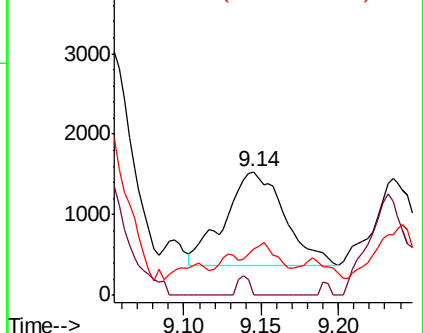
#48
Methyl methacrylate
Concen: 0.686 ug/l
RT: 9.14 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN063472.D
Acq: 18 Sep 2020 21:00

Instrument :
MSVOA_N
ClientSampled :
16718

Tot Ion: 41 Resp: 3143
Ion Ratio Lower Upper
41 100
69 3.8 59.3 88.9#
39 13.6 52.9 79.3#

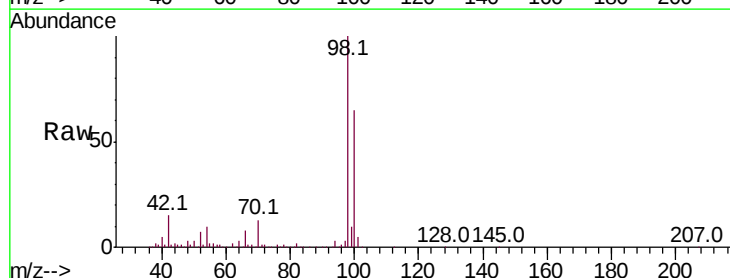


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

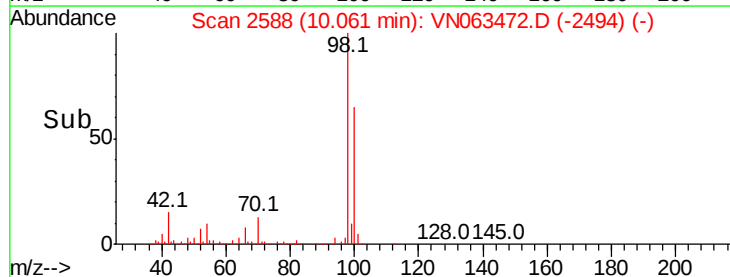
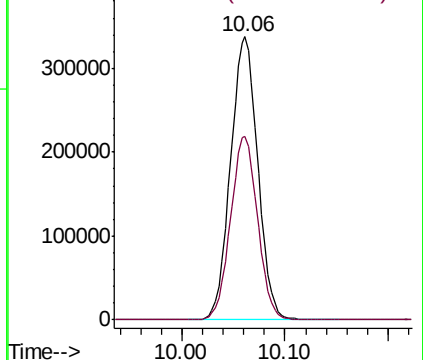


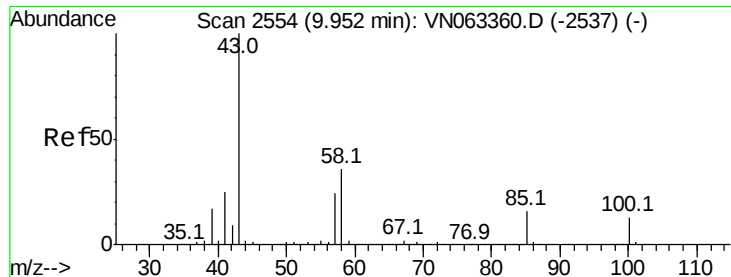
#50
Toluene-d8
Concen: 47.852 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063472.D
Acq: 18 Sep 2020 21:00

Tgt Ion: 98 Resp: 621021
Ion Ratio Lower Upper
98 100
100 64.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

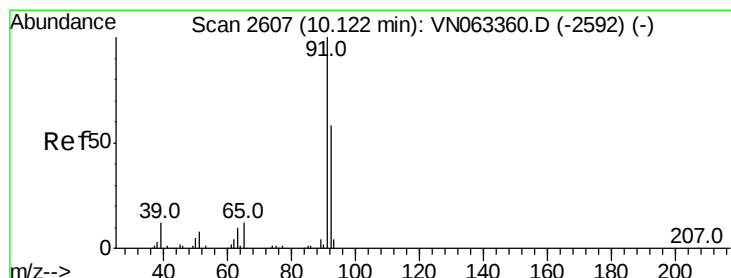
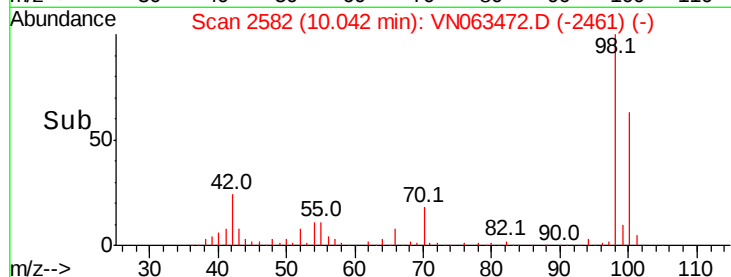
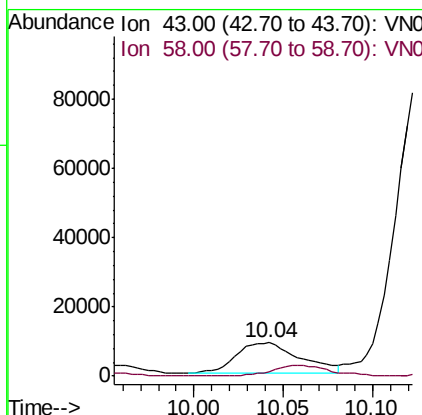
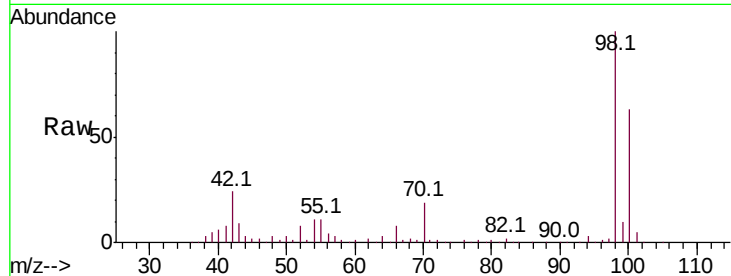




#51
4-Methyl-2-Pentanone
Concen: 4.177 ug/l
RT: 10.04 min Scan# 2582
Delta R.T. 0.09 min
Lab File: VN063472.D
Acq: 18 Sep 2020 21:00

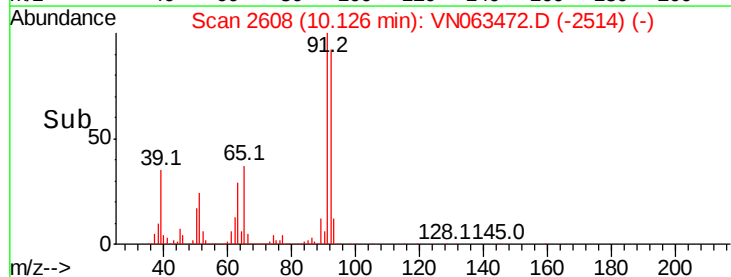
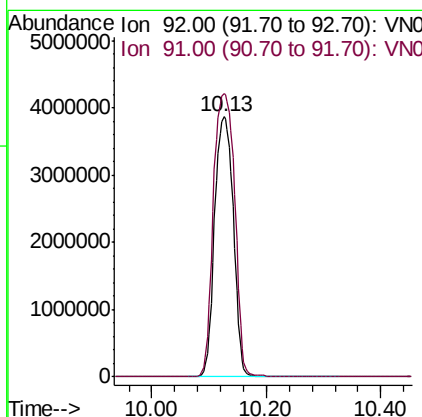
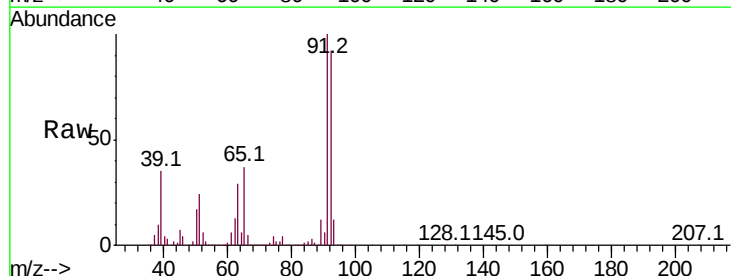
Instrument :
MSVOA_N
ClientSampleId :
16718

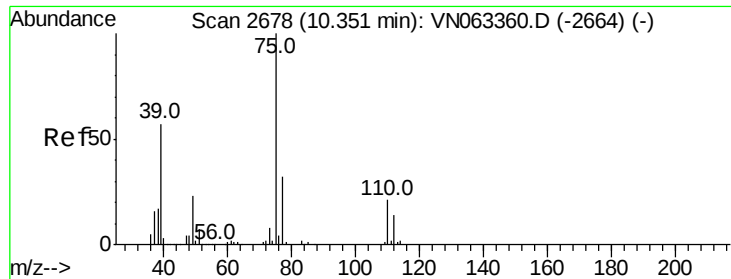
Tot Ion: 43 Resp: 21799
Ion Ratio Lower Upper
43 100
58 33.6 29.0 43.6



#52
Toluene
Concen: 965.537 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063472.D
Acq: 18 Sep 2020 21:00

Tgt Ion: 92 Resp: 8801943
Ion Ratio Lower Upper
92 100
91 123.9 139.7 209.5#





#53

t-1,3-Dichloropropene

Concen: 27.172 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.23 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

Instrument :

MSVOA_N

ClientSampleId :

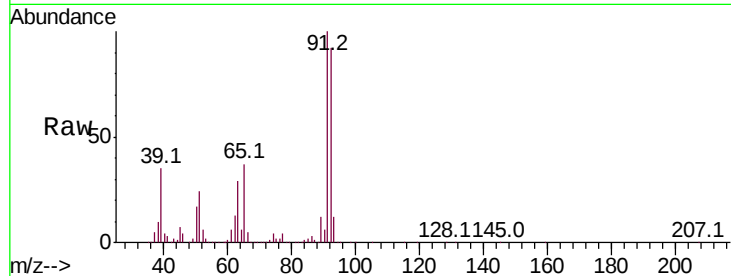
16718

Tot Ion: 75 Resp: 171044

Ion Ratio Lower Upper

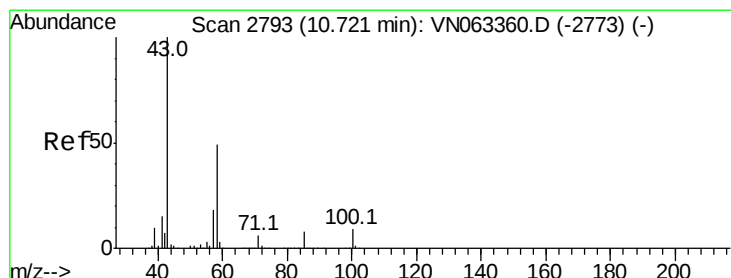
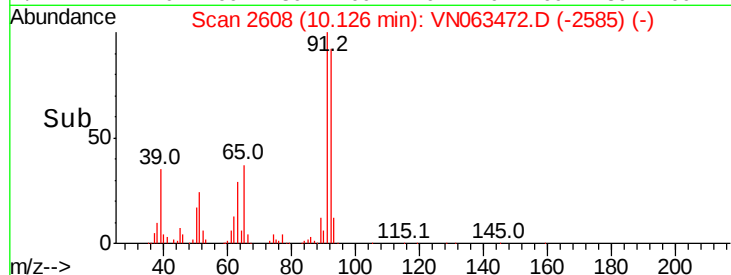
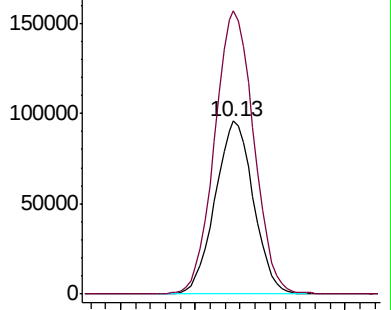
75 100

77 163.5 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#59

2-Hexanone

Concen: 0.719 ug/l

RT: 10.73 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN063472.D

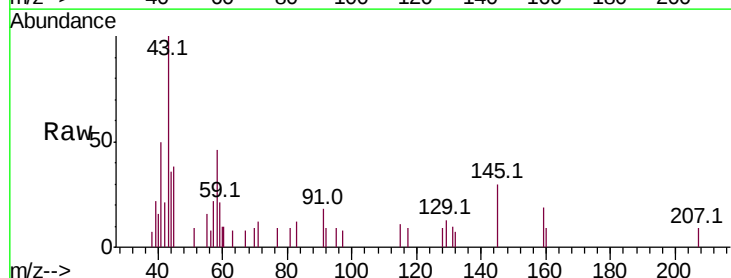
Acq: 18 Sep 2020 21:00

Tgt Ion: 43 Resp: 2719

Ion Ratio Lower Upper

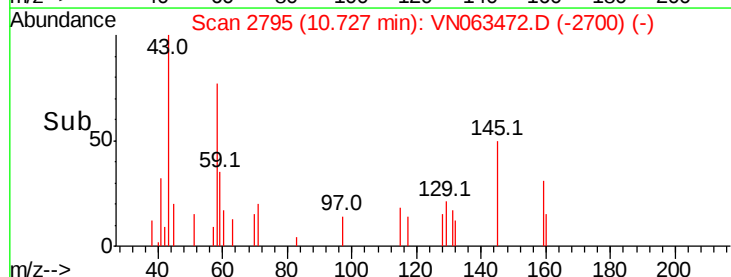
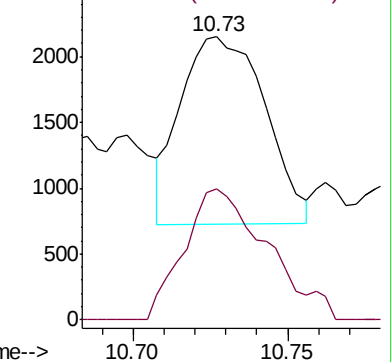
43 100

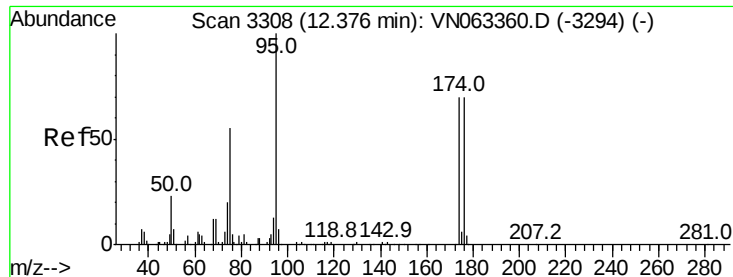
58 68.4 24.7 74.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 57.097 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

Instrument :

MSVOA_N

ClientSampleId :

16718

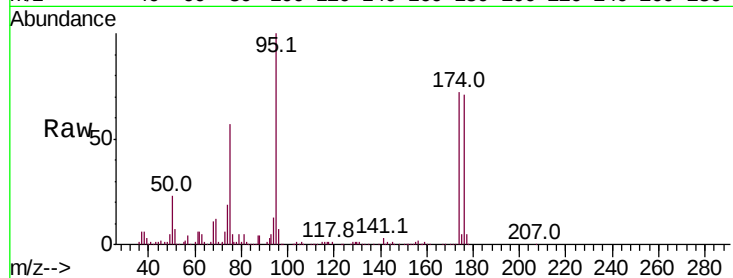
Tot Ion: 95 Resp: 271641

Ion Ratio Lower Upper

95 100

174 72.1 0.0 140.8

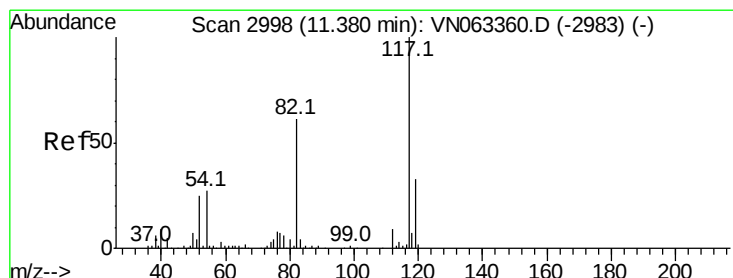
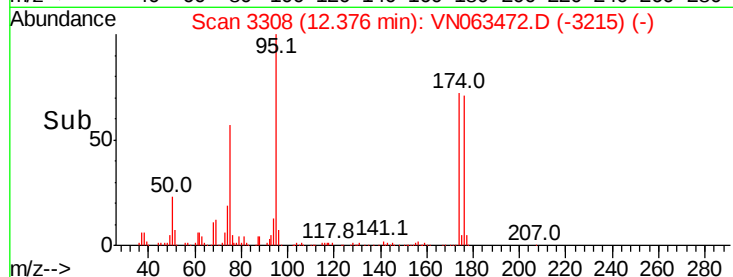
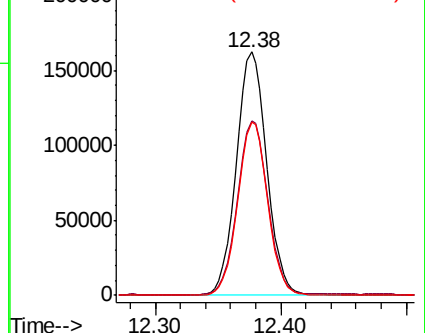
176 70.4 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

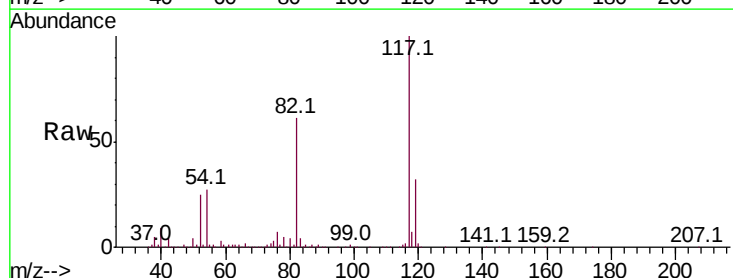
Tgt Ion: 117 Resp: 494120

Ion Ratio Lower Upper

117 100

82 60.7 49.2 73.8

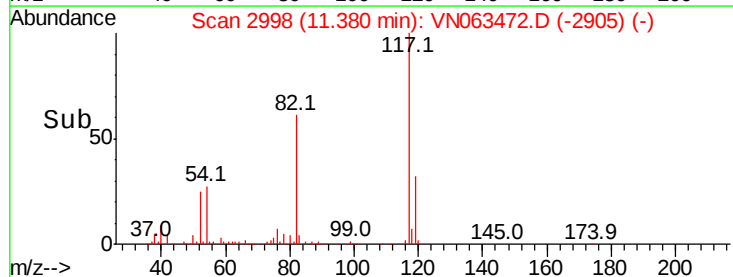
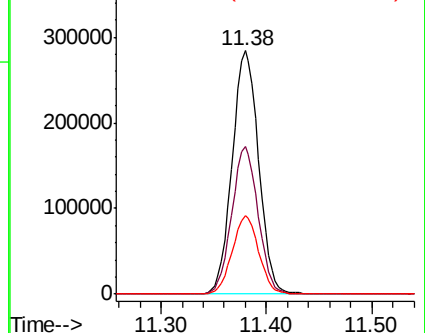
119 32.1 26.2 39.4

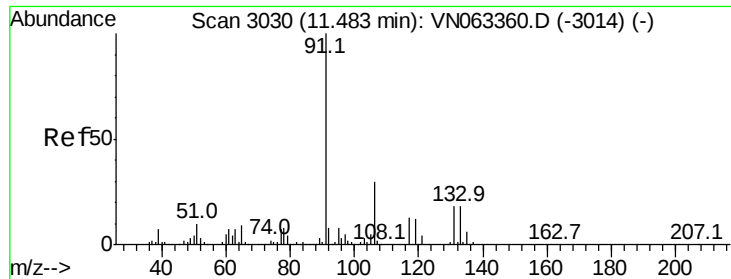


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#67

Ethyl Benzene

Concen: 83.320 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

Instrument :

MSVOA_N

ClientSampled :

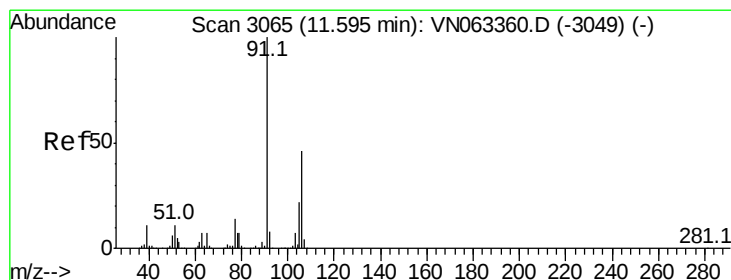
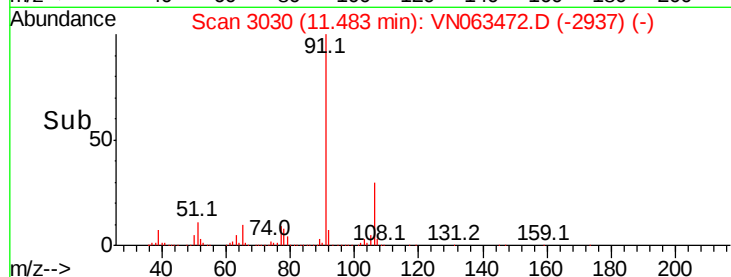
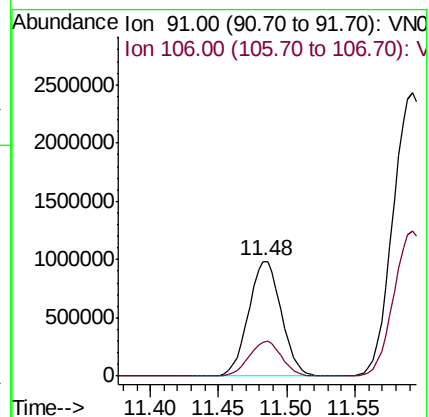
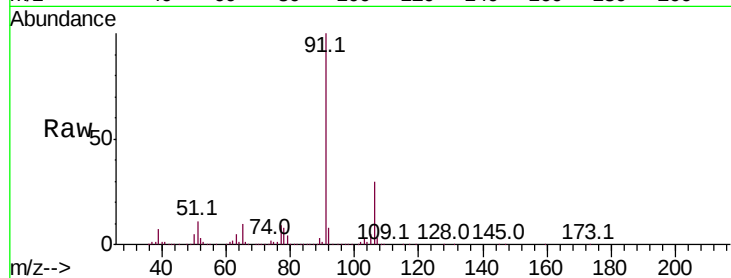
16718

Tot Ion: 91 Resp: 1645775

Ion Ratio Lower Upper

91 100

106 30.0 23.8 35.6



#68

m/p-Xylenes

Concen: 332.633 ug/l

RT: 11.59 min Scan# 3064

Delta R.T. -0.00 min

Lab File: VN063472.D

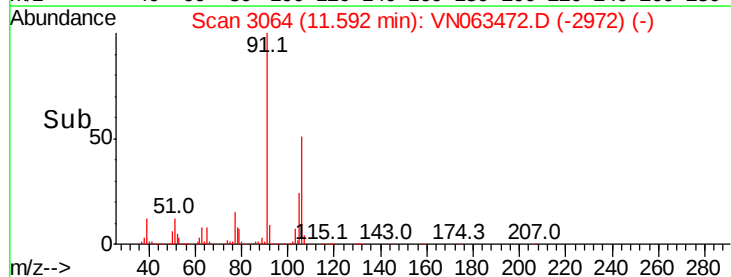
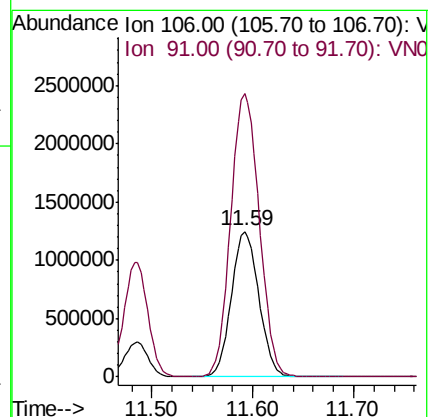
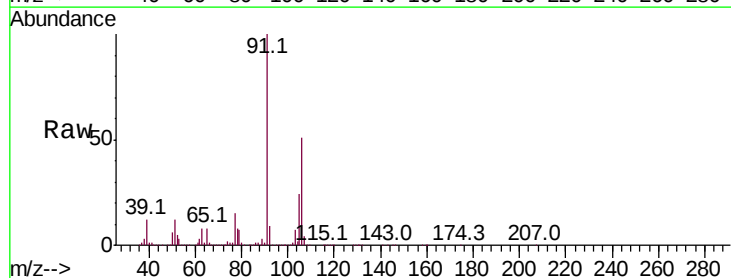
Acq: 18 Sep 2020 21:00

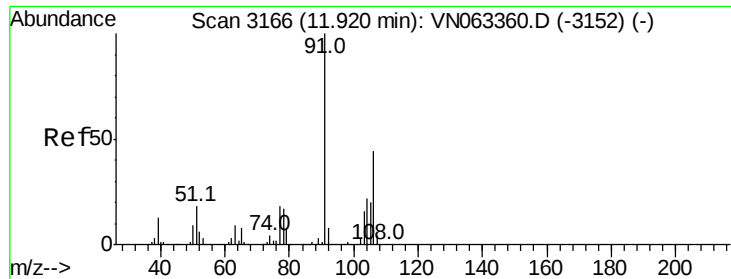
Tgt Ion:106 Resp: 2368919

Ion Ratio Lower Upper

106 100

91 202.2 171.2 256.8

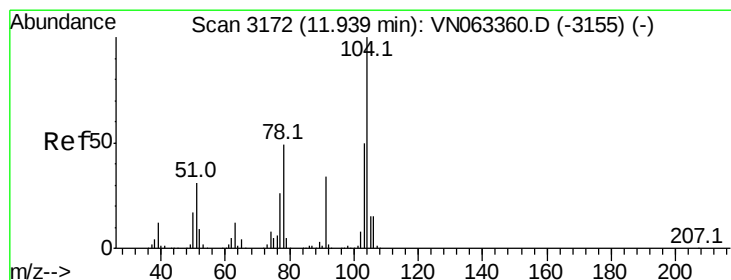
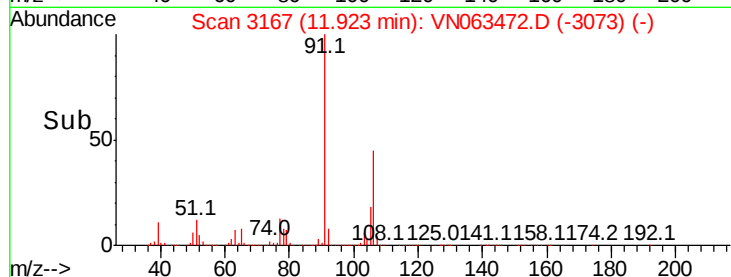
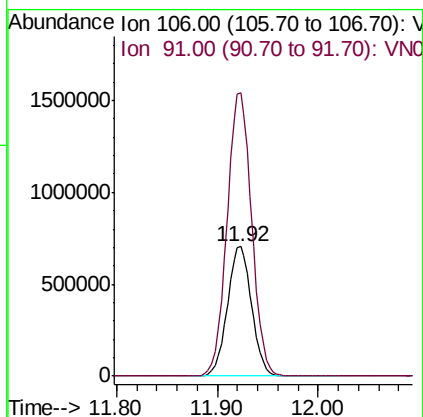
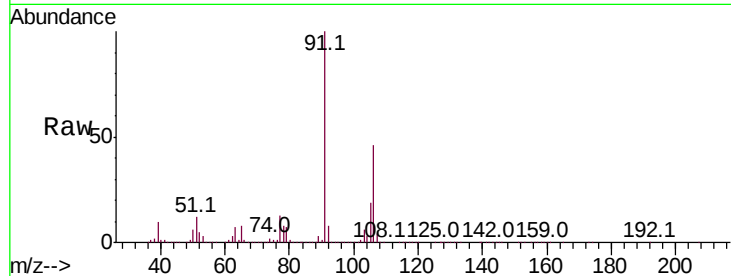




#69
o-Xylene
Concen: 173.711 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063472.D
Acq: 18 Sep 2020 21:00

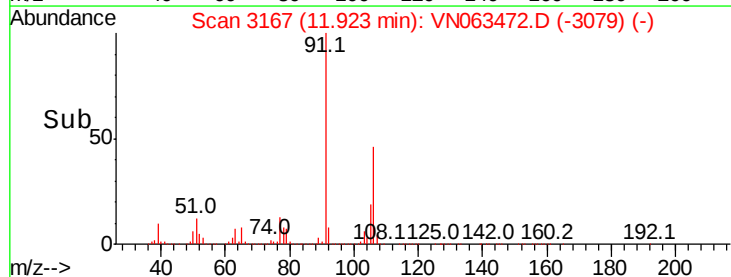
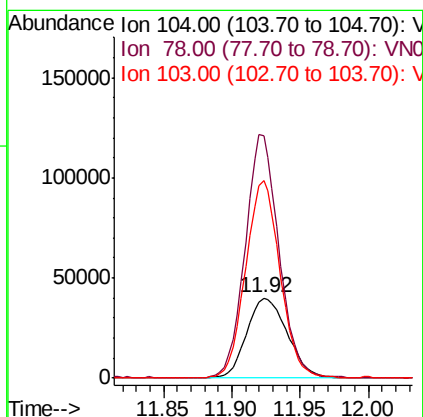
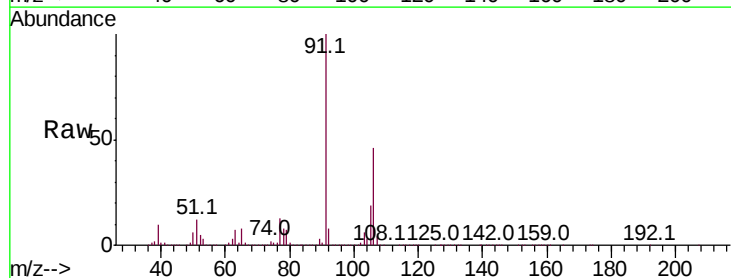
Instrument :
MSVOA_N
ClientSampleId :
16718

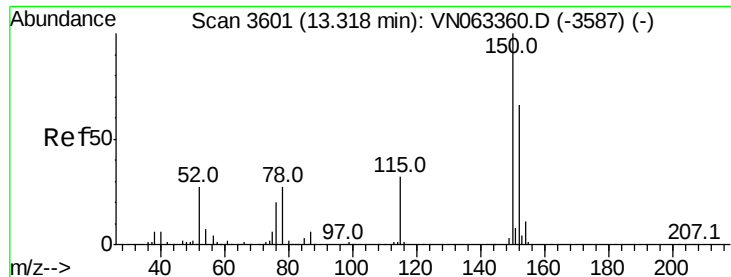
Tot Ion:106 Resp: 1178488
Ion Ratio Lower Upper
106 100
91 222.5 113.6 340.8



#70
Styrene
Concen: 7.319 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.02 min
Lab File: VN063472.D
Acq: 18 Sep 2020 21:00

Tgt Ion:104 Resp: 83264
Ion Ratio Lower Upper
104 100
78 247.5 44.4 66.6#
103 208.9 43.7 65.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

Instrument :

MSVOA_N

ClientSampleId :

16718

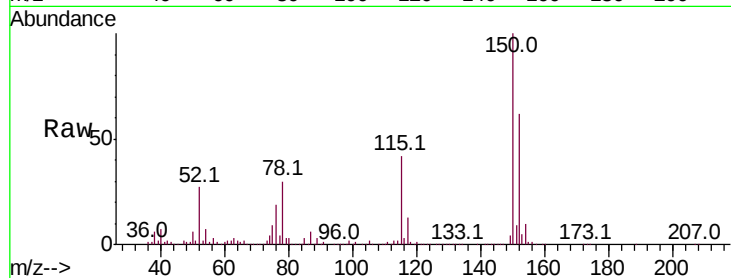
Tot Ion:152 Resp: 246237

Ion Ratio Lower Upper

152 100

115 71.4 32.2 96.6

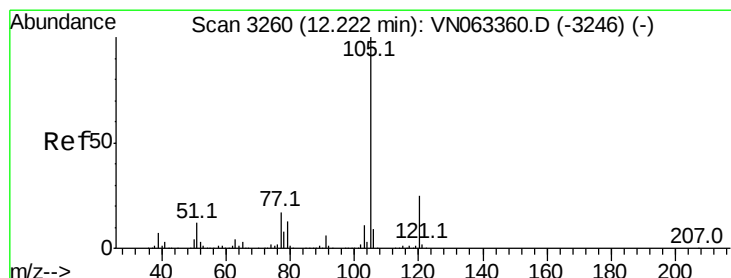
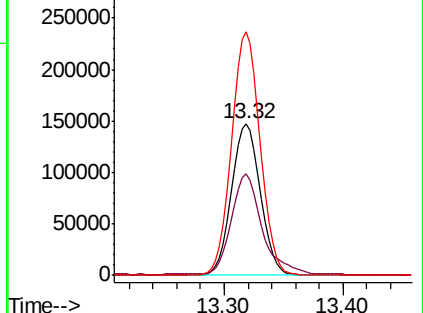
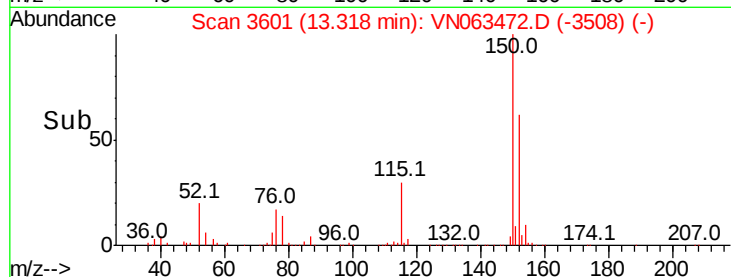
150 158.8 0.0 343.4



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



#73

Isopropylbenzene

Concen: 2.592 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063472.D

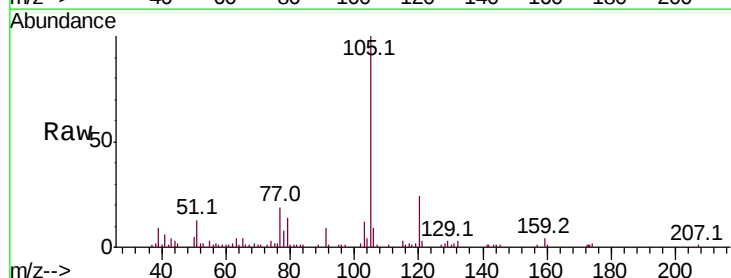
Acq: 18 Sep 2020 21:00

Tgt Ion:105 Resp: 51155

Ion Ratio Lower Upper

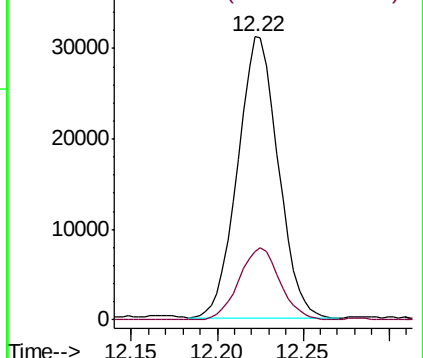
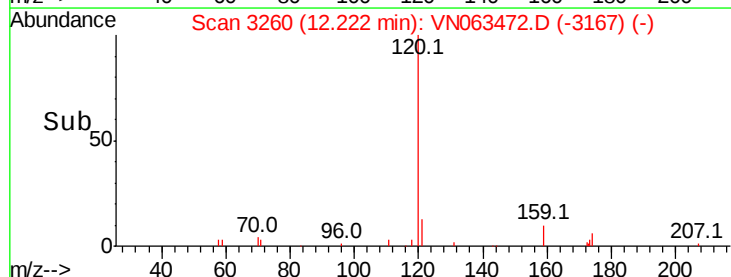
105 100

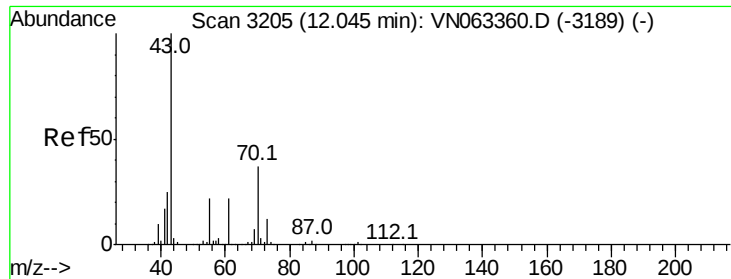
120 25.6 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.205 ug/l

RT: 12.08 min Scan# 3216

Delta R.T. 0.04 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

Instrument :

MSVOA_N

ClientSampled :

16718

Tot Ion: 43 Resp: 1914

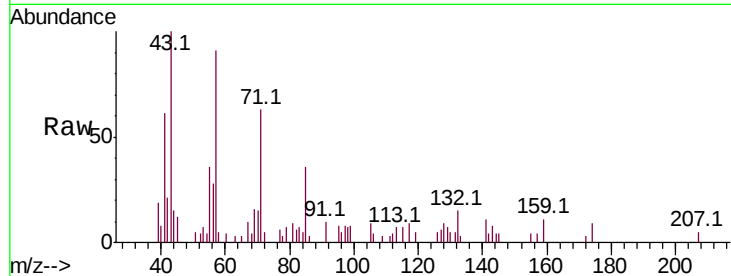
Ion Ratio Lower Upper

43 100

70 11.5 29.6 44.4#

55 101.3 17.7 26.5#

61 0.0 17.4 26.2#

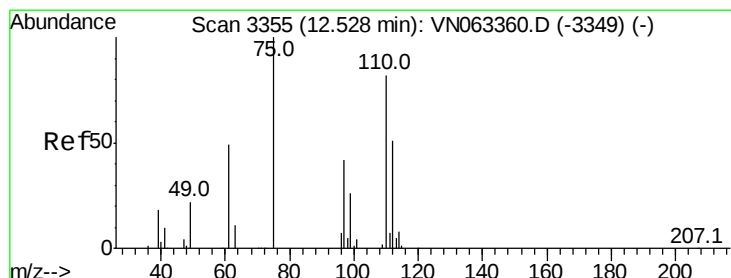
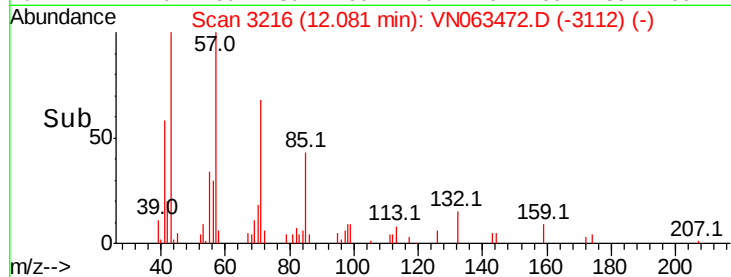
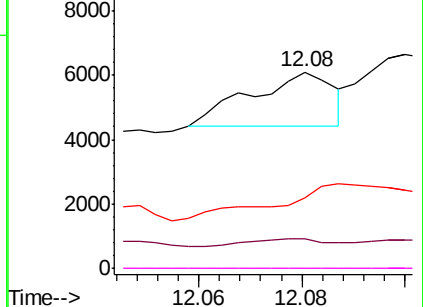


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 1.033 ug/l

RT: 12.63 min Scan# 3387

Delta R.T. 0.10 min

Lab File: VN063472.D

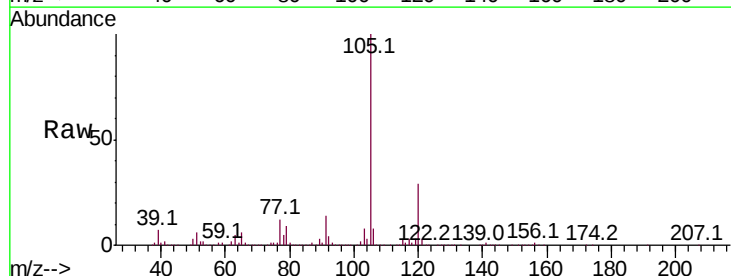
Acq: 18 Sep 2020 21:00

Tgt Ion: 75 Resp: 6294

Ion Ratio Lower Upper

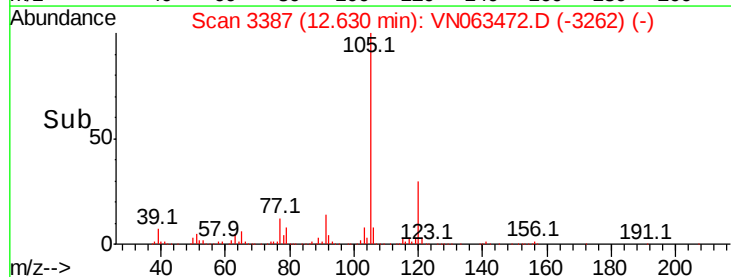
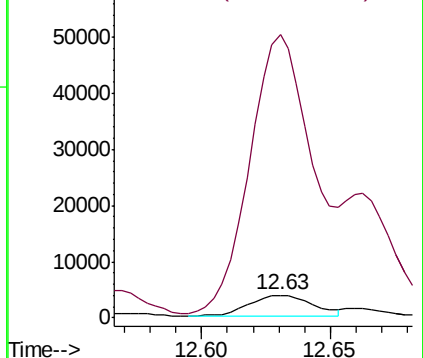
75 100

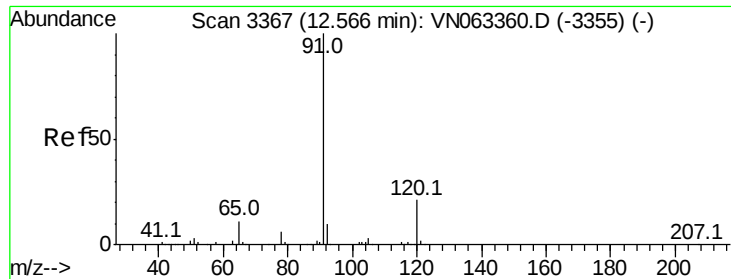
77 1350.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 7.453 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

Instrument :

MSVOA_N

ClientSampled :

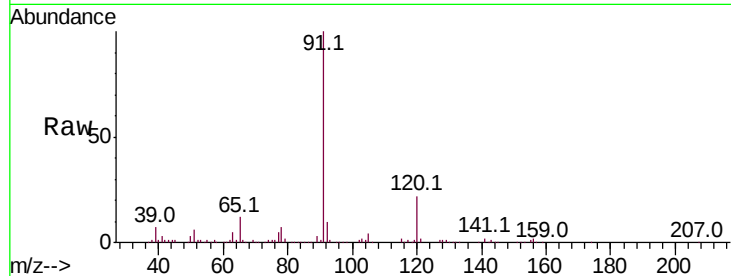
16718

Tot Ion: 91 Resp: 171293

Ion Ratio Lower Upper

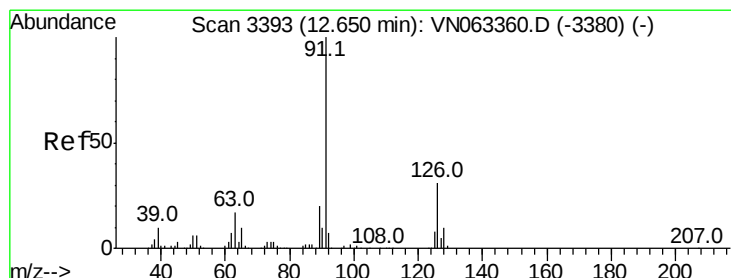
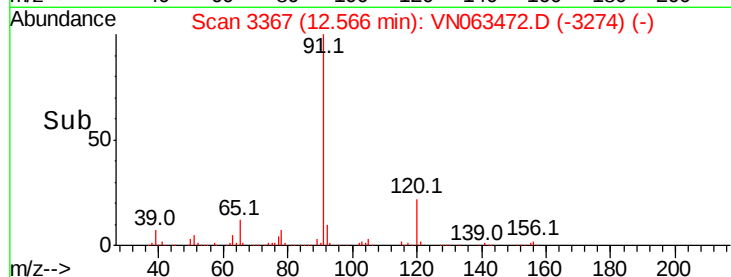
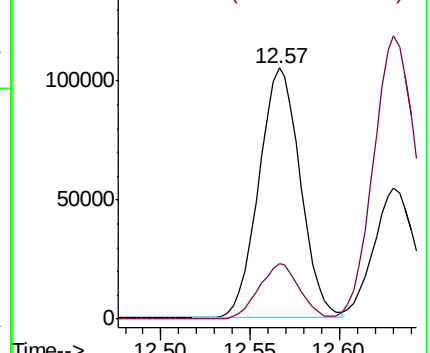
91 100

120 21.6 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 5.791 ug/l

RT: 12.63 min Scan# 3387

Delta R.T. -0.02 min

Lab File: VN063472.D

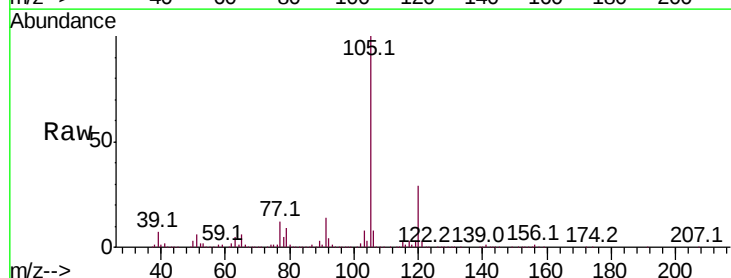
Acq: 18 Sep 2020 21:00

Tgt Ion: 91 Resp: 79784

Ion Ratio Lower Upper

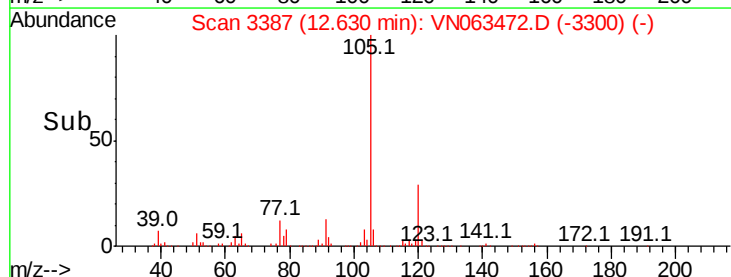
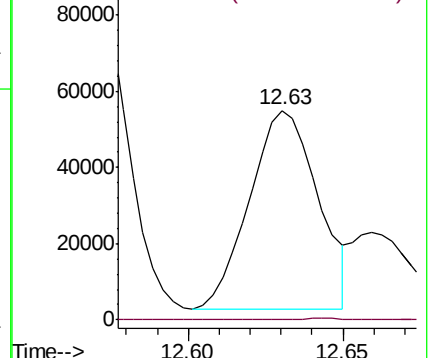
91 100

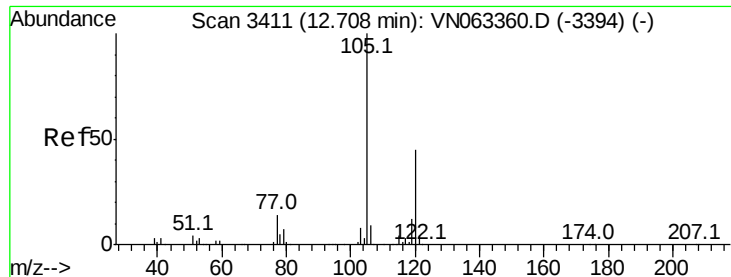
126 0.5 15.8 47.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 15.341 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

Instrument :

MSVOA_N

ClientSampled :

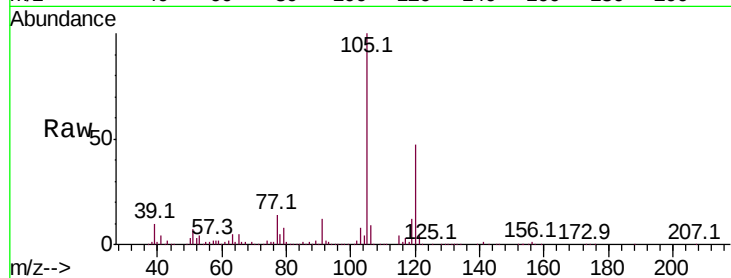
16718

Tot Ion:105 Resp: 252428

Ion Ratio Lower Upper

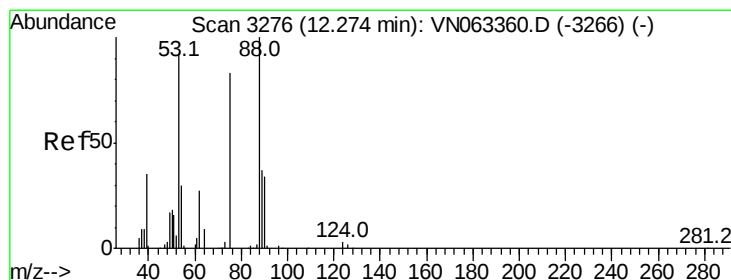
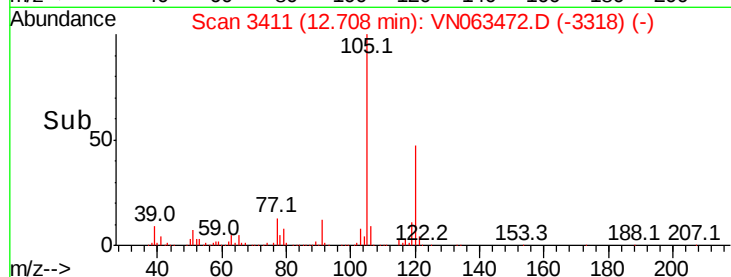
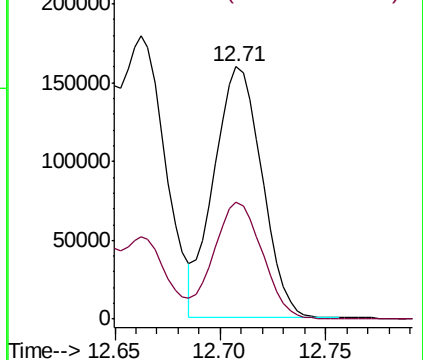
105 100

120 46.9 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: 68.369 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

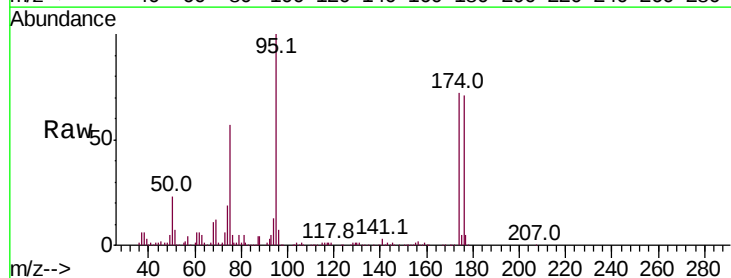
Tgt Ion: 75 Resp: 151986

Ion Ratio Lower Upper

75 100

53 0.3 85.7 128.5#

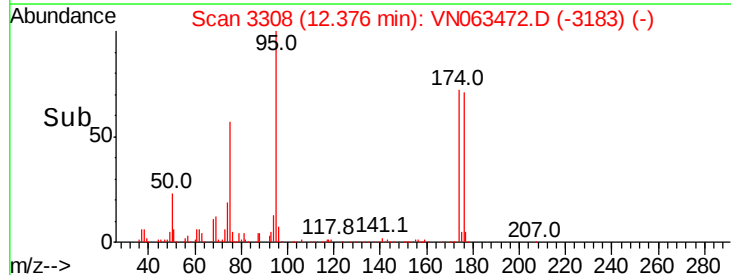
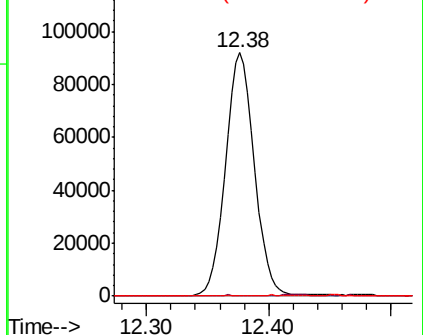
89 0.1 38.0 57.0#

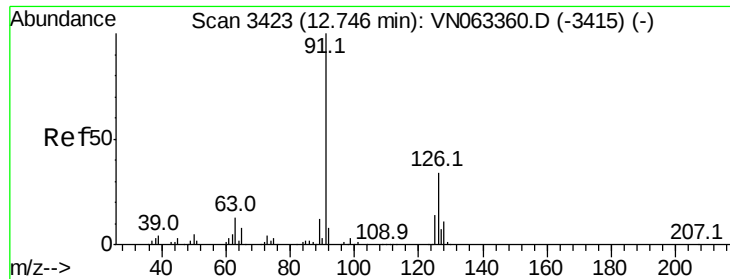


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 2.104 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.04 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

Instrument :

MSVOA_N

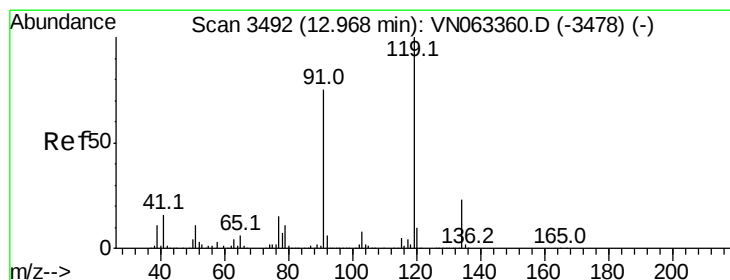
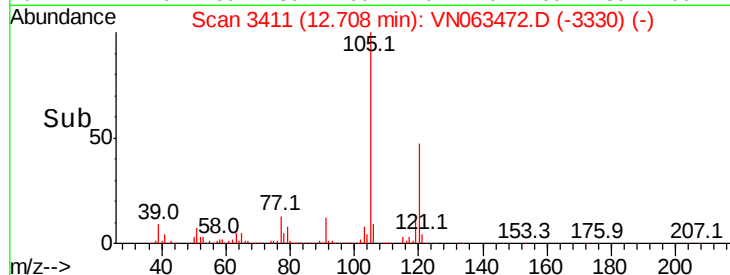
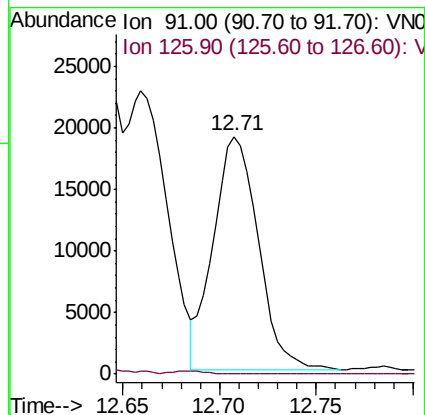
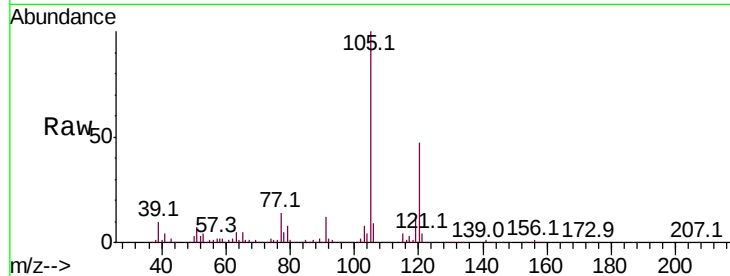
ClientSampled :
16718

Tot Ion: 91 Resp: 30624

Ion Ratio Lower Upper

91 100

126 0.0 15.5 46.5#



#83

tert-Butylbenzene

Concen: 10.292 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.05 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

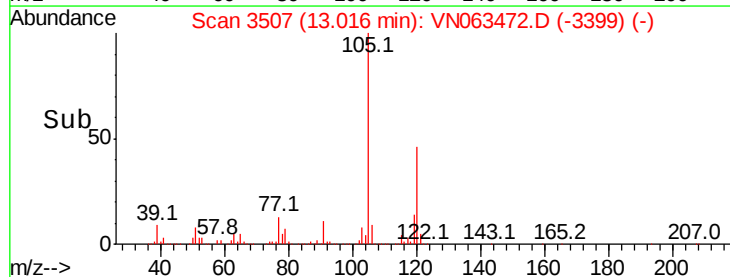
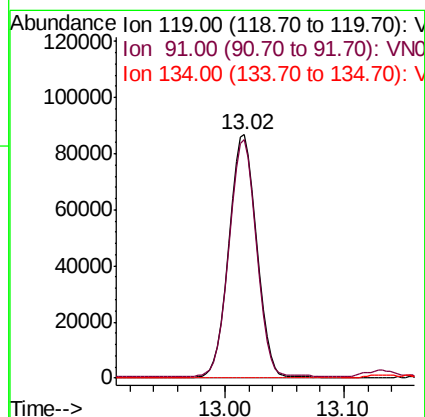
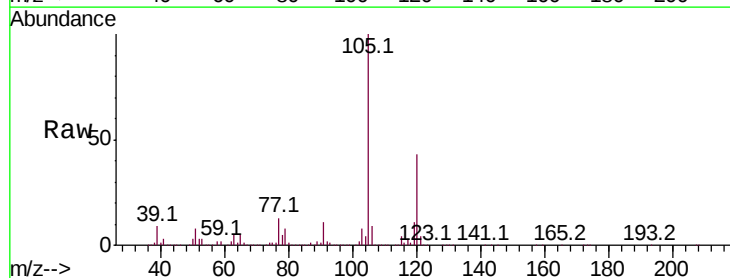
Tgt Ion: 119 Resp: 139761

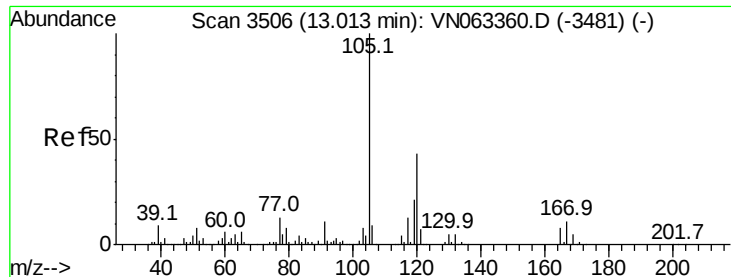
Ion Ratio Lower Upper

119 100

91 95.9 36.3 108.9

134 0.0 12.3 36.8#

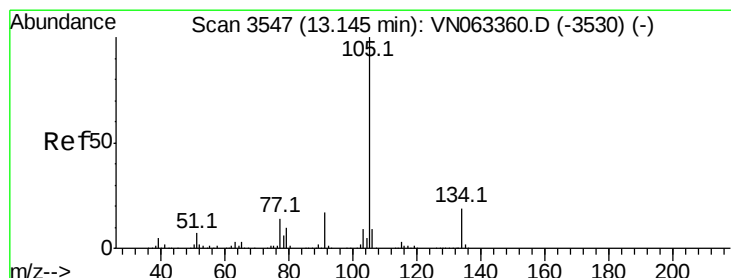
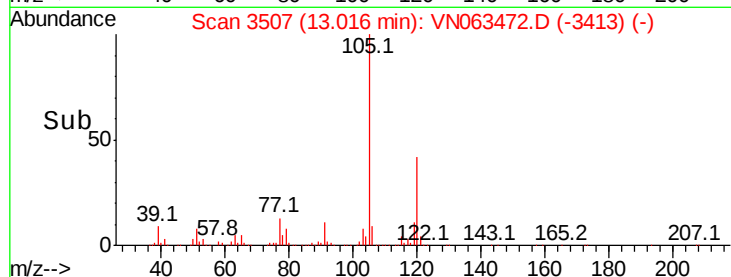
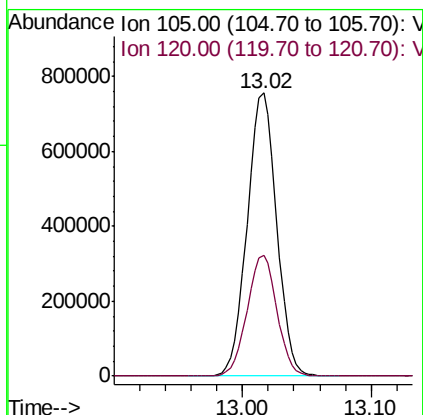
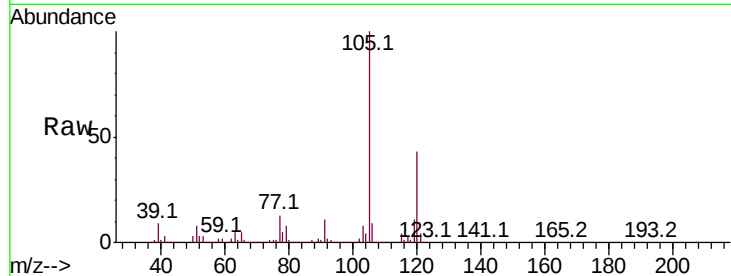




#84
 1,2,4-Trimethylbenzene
 Concen: 72.317 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063472.D
 Acq: 18 Sep 2020 21:00

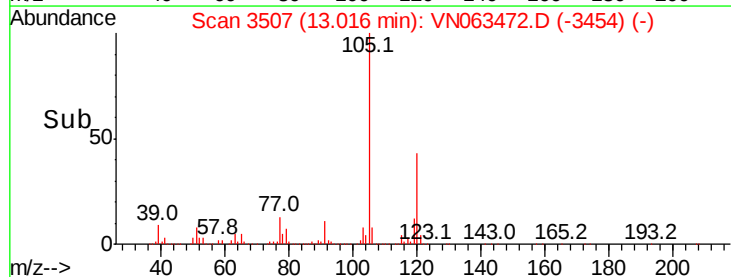
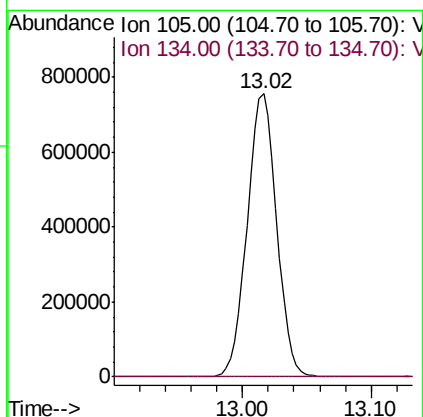
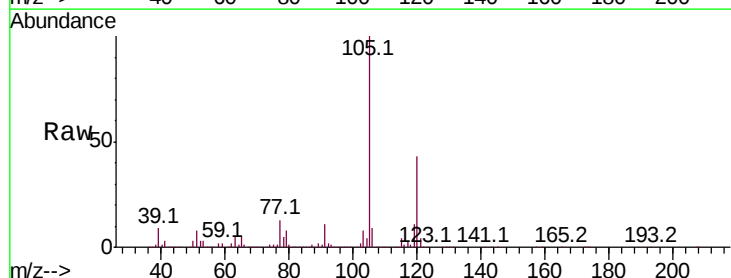
Instrument :
 MSVOA_N
 ClientSampled :
 16718

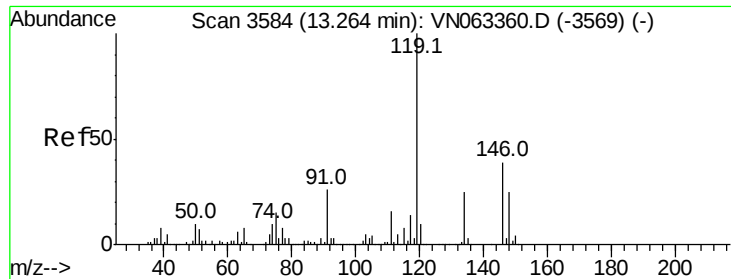
Tot Ion:105 Resp: 1201903
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.3 63.9



#85
 sec-Butylbenzene
 Concen: 66.119 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.13 min
 Lab File: VN063472.D
 Acq: 18 Sep 2020 21:00

Tgt Ion:105 Resp: 1201903
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.3 27.7#

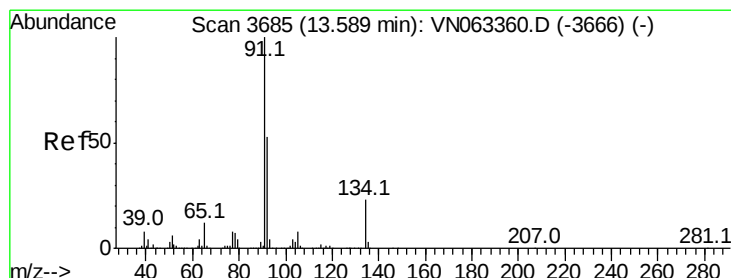
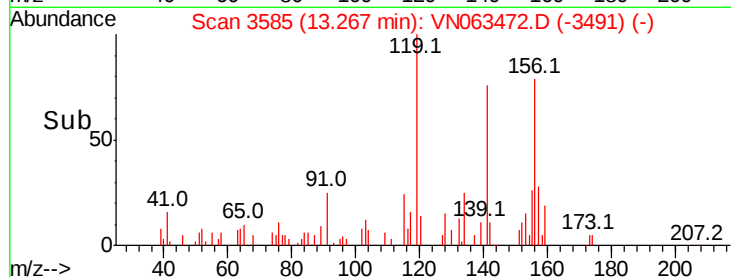
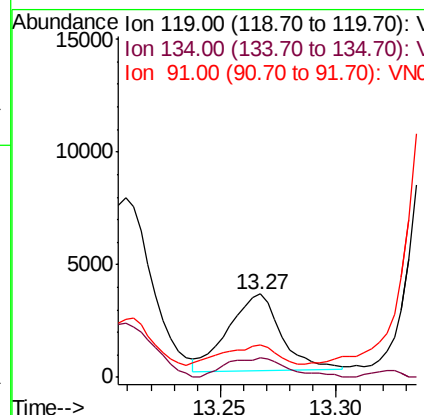
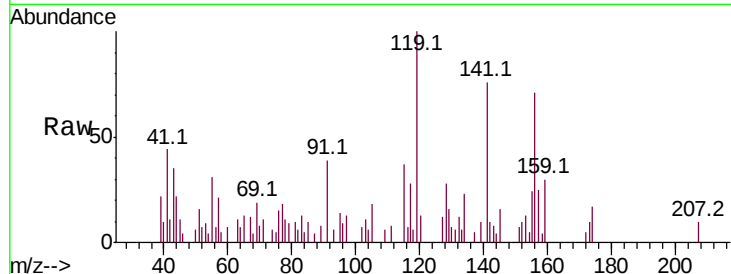




#86
p-Isopropyltoluene
Concen: 0.338 ug/l
RT: 13.27 min Scan# 3585
Delta R.T. 0.00 min
Lab File: VN063472.D
Acq: 18 Sep 2020 21:00

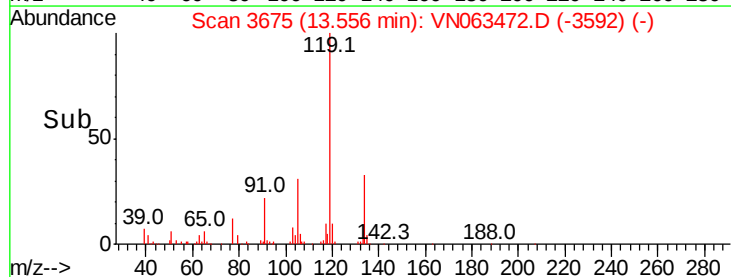
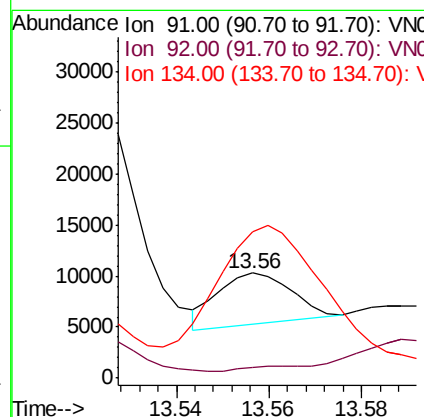
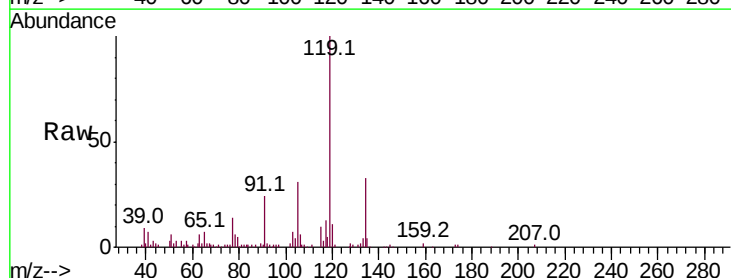
Instrument :
MSVOA_N
ClientSampleId :
16718

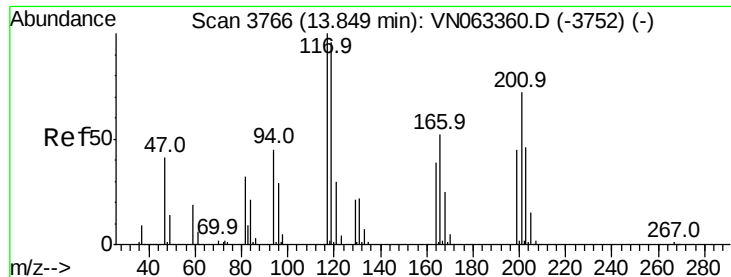
Tot Ion: 119 Resp: 5416
Ion Ratio Lower Upper
119 100
134 29.7 12.5 37.5
91 0.0 13.4 40.1#



#89
n-Butylbenzene
Concen: 0.382 ug/l
RT: 13.56 min Scan# 3675
Delta R.T. -0.03 min
Lab File: VN063472.D
Acq: 18 Sep 2020 21:00

Tgt Ion: 91 Resp: 5651
Ion Ratio Lower Upper
91 100
92 0.0 26.0 78.0#
134 469.1 11.7 35.0#





#90

Hexachloroethane

Concen: 2.894 ug/l

RT: 13.87 min Scan# 3771

Delta R.T. 0.02 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

Instrument :

MSVOA_N

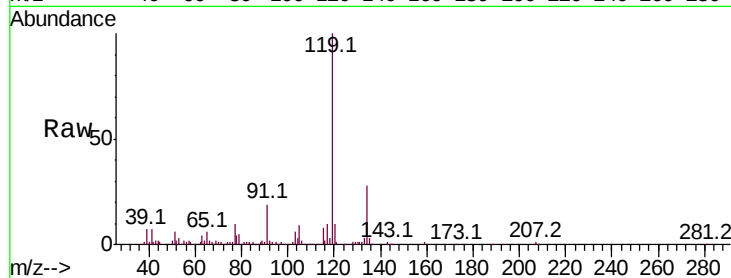
ClientSampleId :
16718

Tot Ion:117 Resp: 8835

Ion Ratio Lower Upper

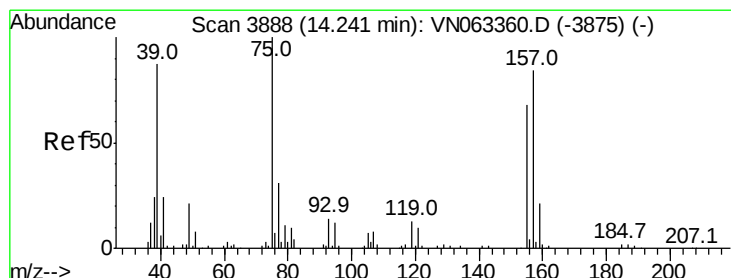
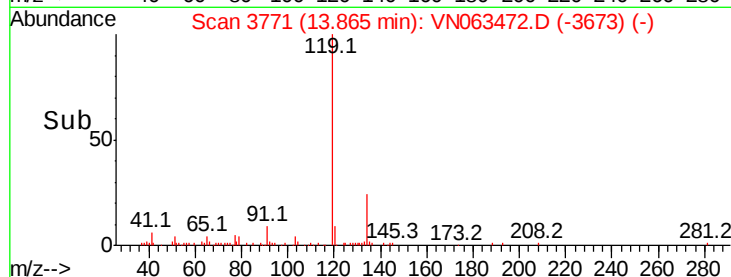
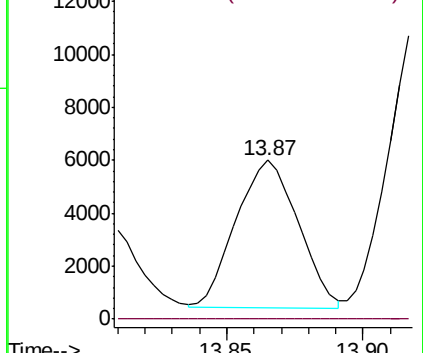
117 100

201 0.0 35.5 106.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.869 ug/l

RT: 14.22 min Scan# 3882

Delta R.T. -0.02 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

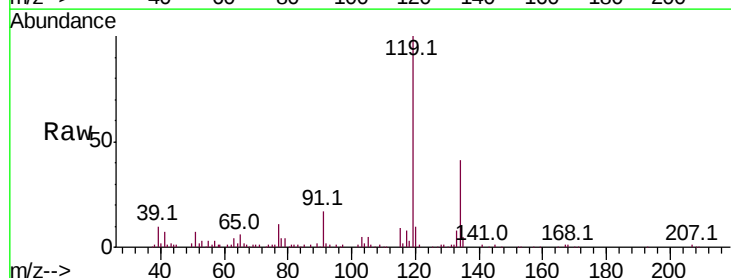
Tgt Ion: 75 Resp: 1265

Ion Ratio Lower Upper

75 100

155 0.0 34.6 103.9#

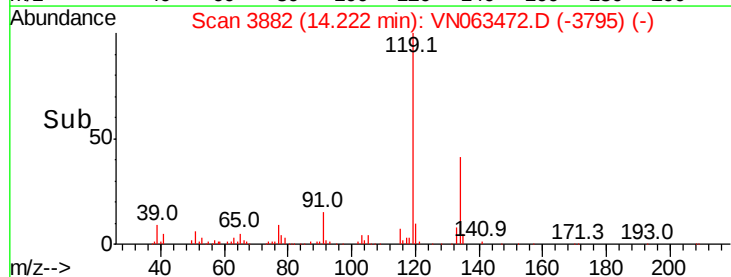
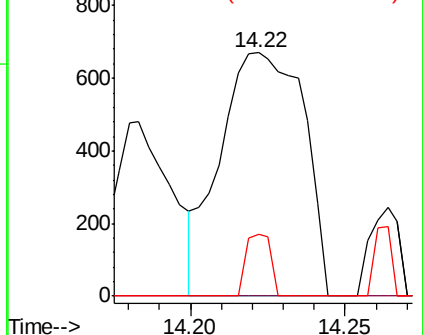
157 7.6 43.7 131.1#

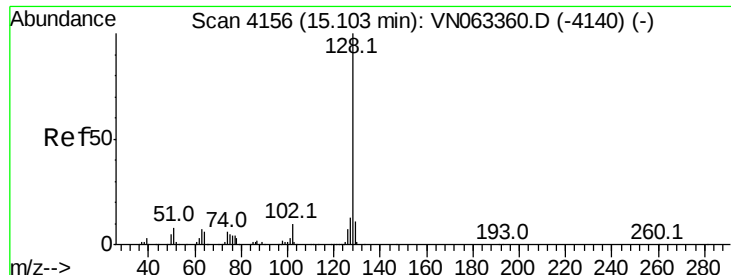


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 33.452 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063472.D

Acq: 18 Sep 2020 21:00

Instrument :

MSVOA_N

ClientSampleId :

16718

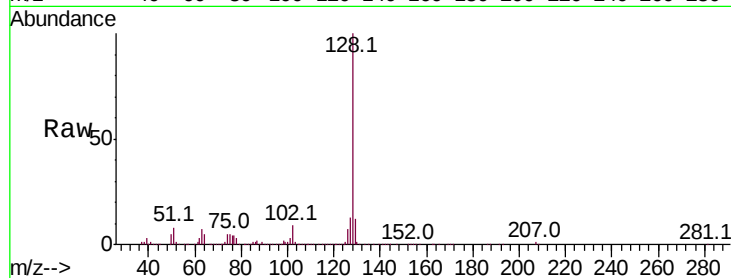
Tot Ion:128 Resp: 526248

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.2 8.8 13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

