

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063641.D
 Acq On : 24 Sep 2020 20:16
 Operator : JC/MD
 Sample : L4119-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB02-20200921

Quant Time: Sep 25 03:51:05 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	198408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	371796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	383460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	157966	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	175479	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
35) Dibromofluoromethane	7.55	113	123464	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	
50) Toluene-d8	10.06	98	484222	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.38	95	187643	52.89	ug/l	0.00
Spiked Amount			Recovery	=	105.78%	

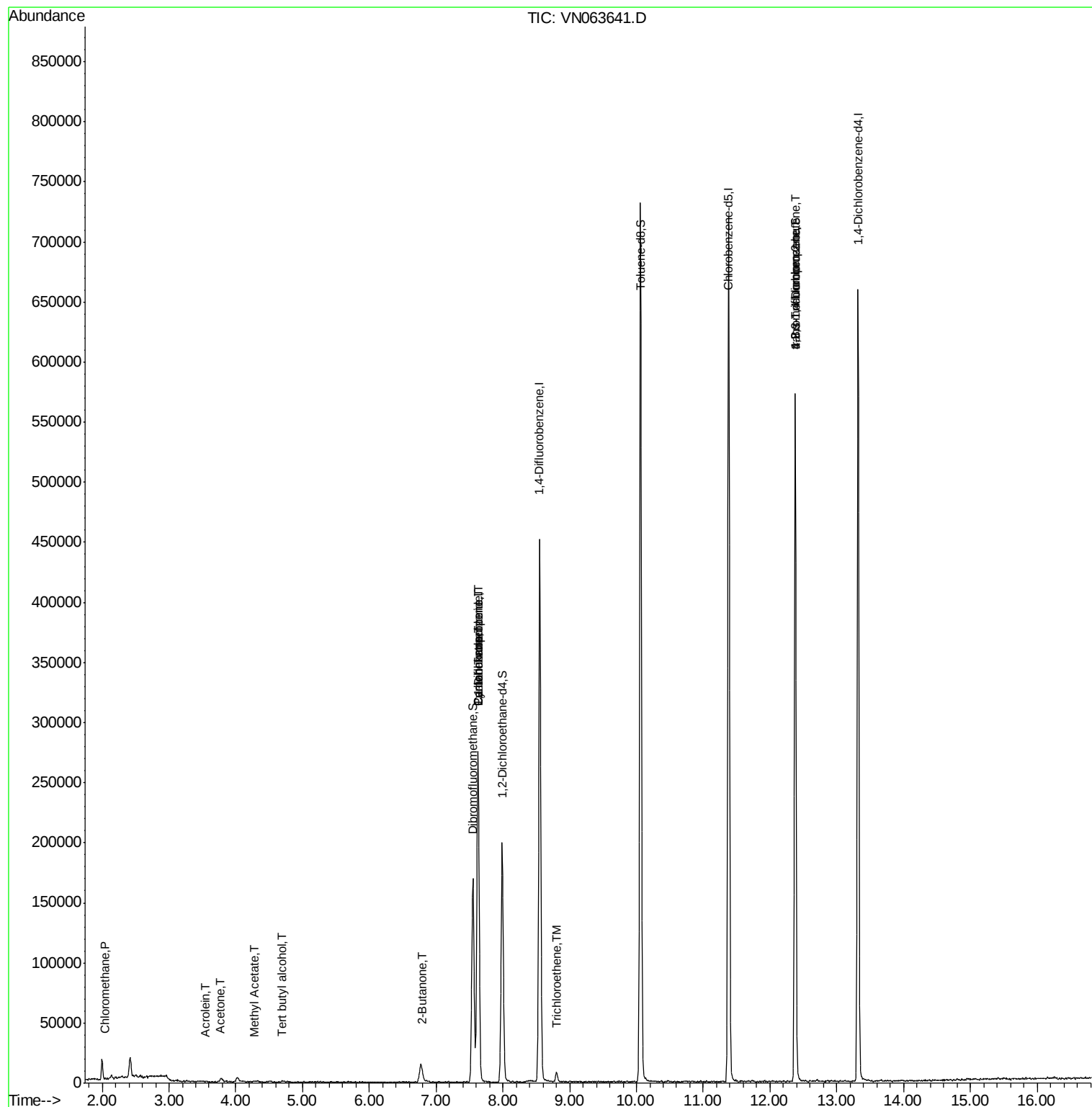
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	965	0.325	ug/l #	88
11) Tert butyl alcohol	4.70	59	738	1.577	ug/l #	72
13) Acrolein	3.54	56	64	0.369	ug/l #	13
16) Acetone	3.78	43	5903	5.438	ug/l	96
18) Methyl Acetate	4.28	43	709	0.257	ug/l #	54
25) 2-Butanone	6.80	43	699	0.419	ug/l #	51
31) Cyclohexane	7.63	56	5863	1.257	ug/l #	25
36) 1,1-Dichloropropene	7.63	75	18681	4.716	ug/l #	52
38) Carbon Tetrachloride	7.63	117	22431	5.548	ug/l #	17
44) Trichloroethene	8.79	130	2656	0.968	ug/l	69
76) 1,2,3-Trichloropropane	12.38	75	106514	27.242	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	106514	74.688	ug/l #	7

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

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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: VN063641.D

Acq: 24 Sep 2020 20:16

Instrument :

MSVOA_N

ClientSampleId :

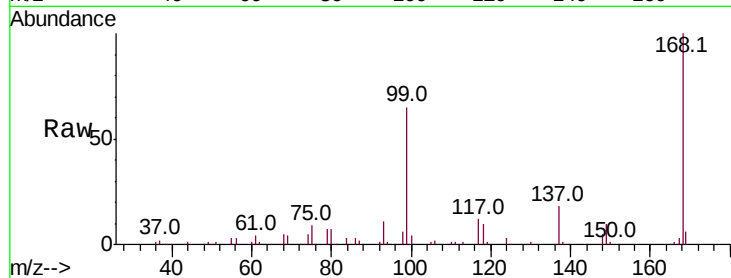
EB02-20200921

Tot Ion:168 Resp: 198408

Ion Ratio Lower Upper

168 100

99 65.3 53.0 79.6

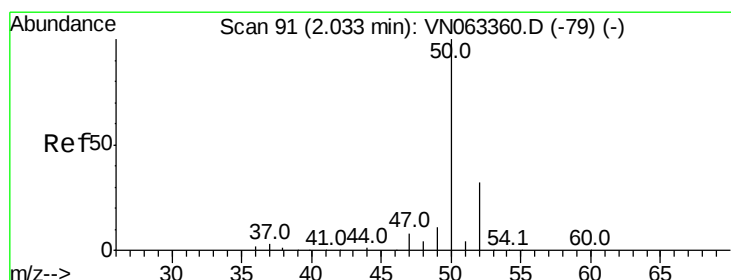
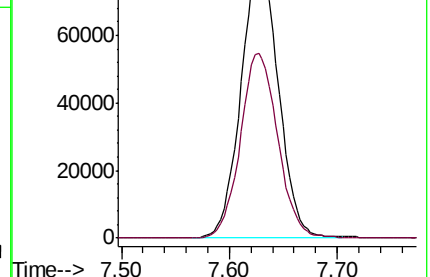
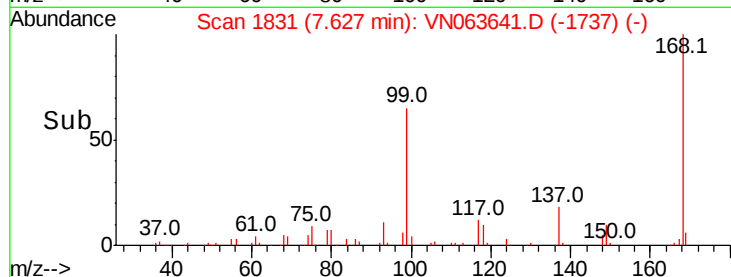


Abundance Ion 167.90 (167.60 to 168.60): VN063360.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN063360.D (-1811) (-)

7.63

Time-->



#3

Chloromethane

Concen: 0.325 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063641.D

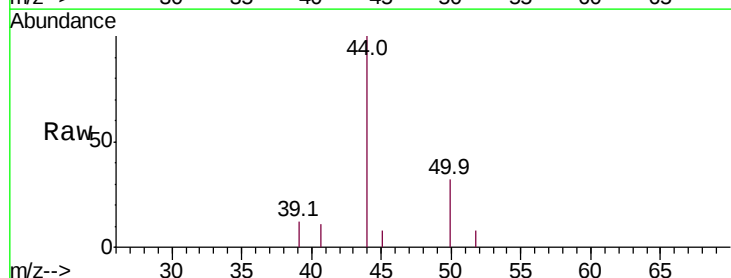
Acq: 24 Sep 2020 20:16

Tgt Ion: 50 Resp: 965

Ion Ratio Lower Upper

50 100

52 25.6 25.9 38.9#

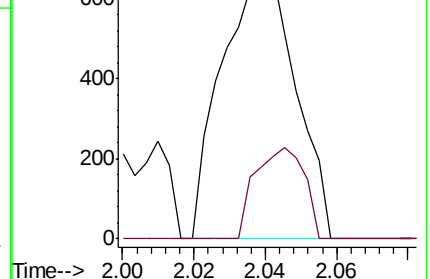
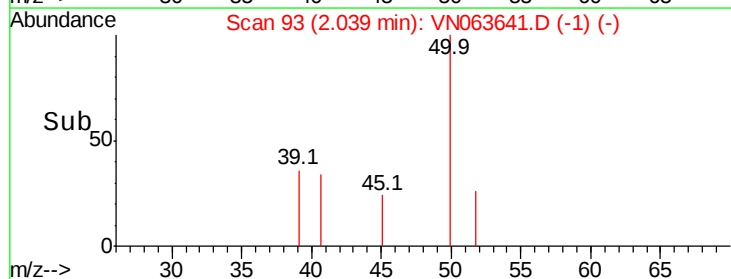


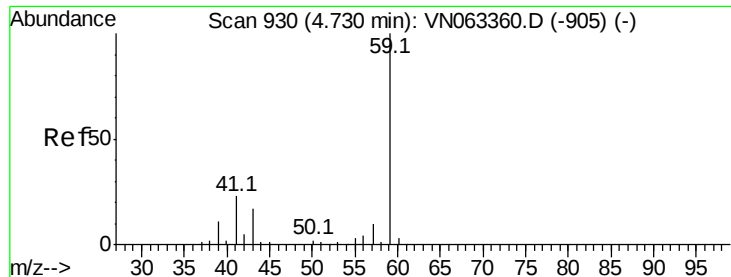
Abundance Ion 49.90 (49.60 to 50.60): VN063360.D (-79) (-)

Ion 51.90 (51.60 to 52.60): VN063360.D (-79) (-)

2.04

Time-->

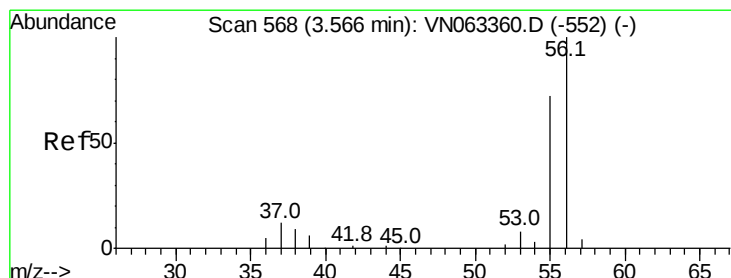
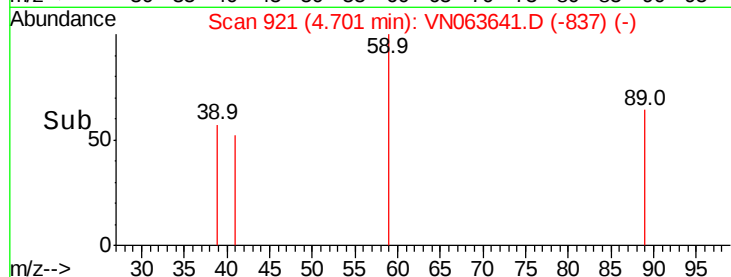
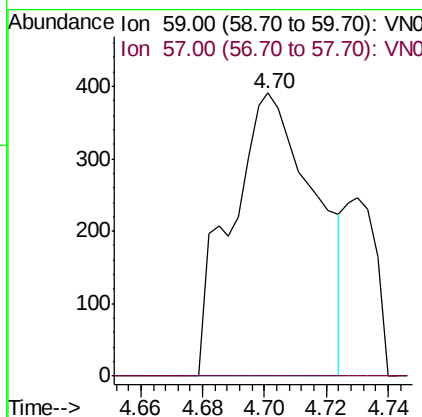
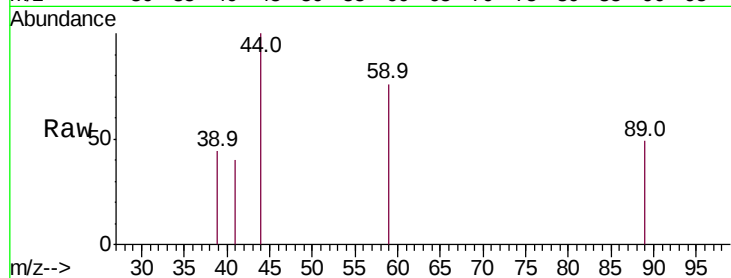




#11
Tert butyl alcohol
Concen: 1.577 ug/l
RT: 4.70 min Scan# 921
Delta R.T. -0.03 min
Lab File: VN063641.D
Acq: 24 Sep 2020 20:16

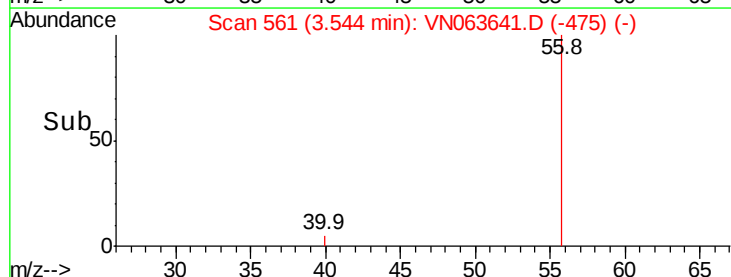
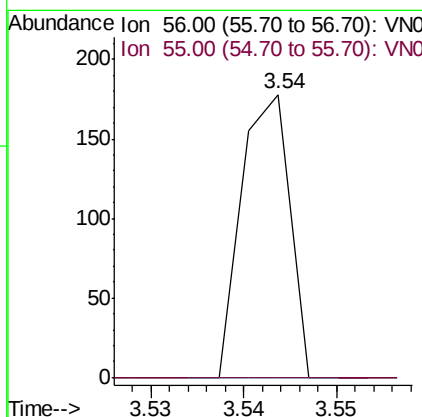
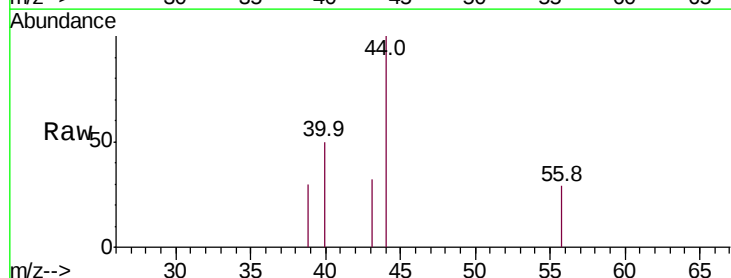
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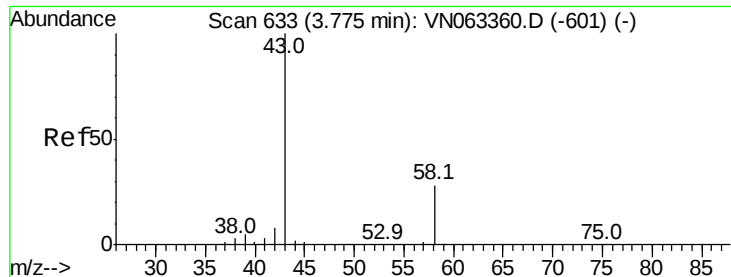
Tot Ion: 59 Resp: 738
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#13
Acrolein
Concen: 0.369 ug/l
RT: 3.54 min Scan# 561
Delta R.T. -0.02 min
Lab File: VN063641.D
Acq: 24 Sep 2020 20:16

Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.2#





#16

Acetone

Concen: 5.438 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063641.D

Acq: 24 Sep 2020 20:16

Instrument :

MSVOA_N

ClientSampleId :

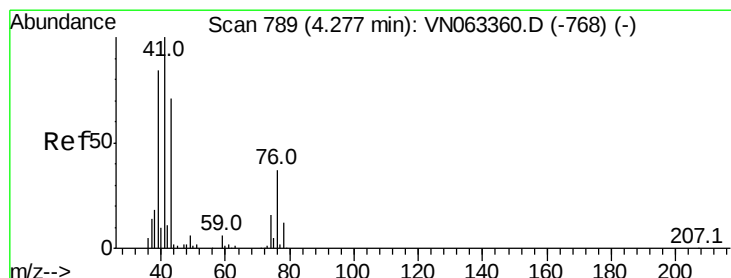
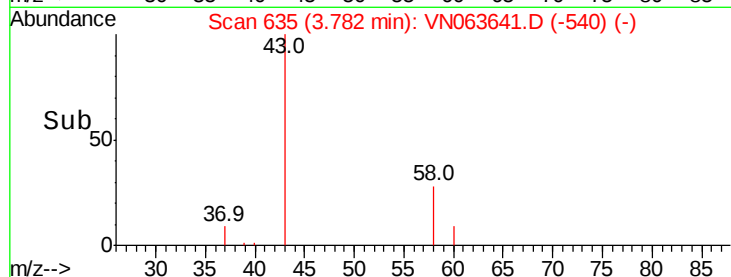
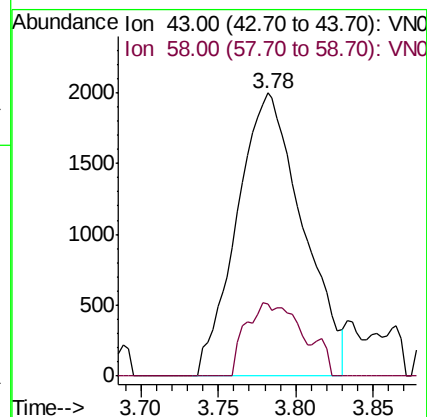
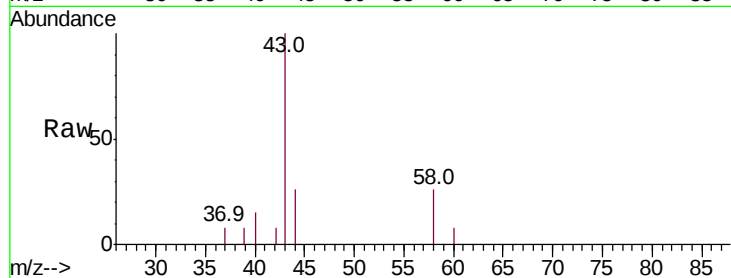
EB02-20200921

Tot Ion: 43 Resp: 5903

Ion Ratio Lower Upper

43 100

58 25.6 22.3 33.5



#18

Methyl Acetate

Concen: 0.257 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN063641.D

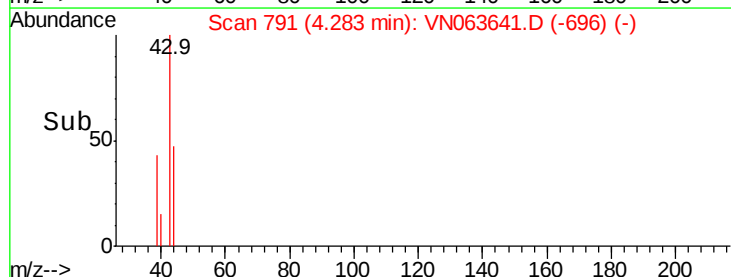
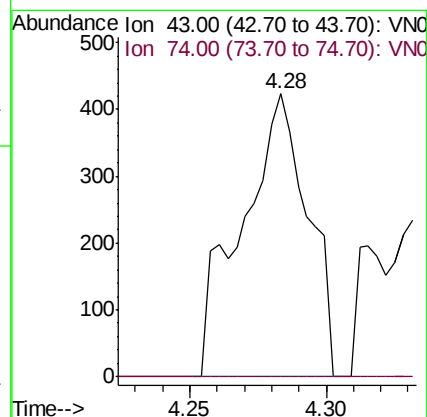
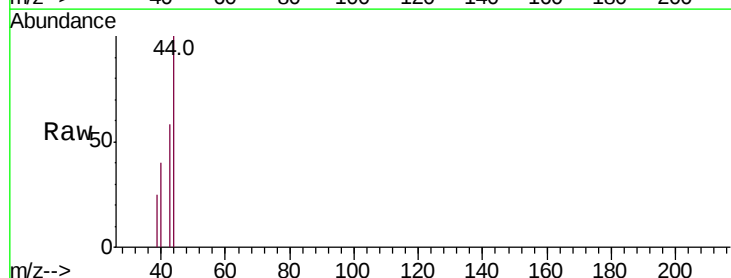
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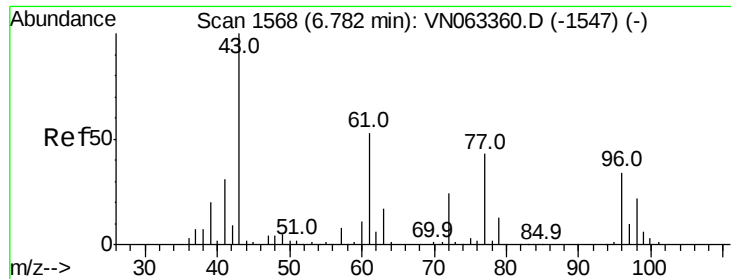
Tgt Ion: 43 Resp: 709

Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.2#

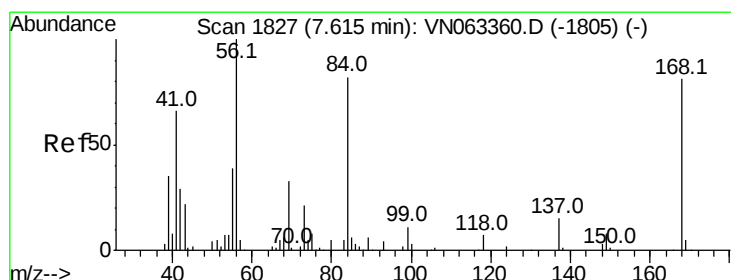
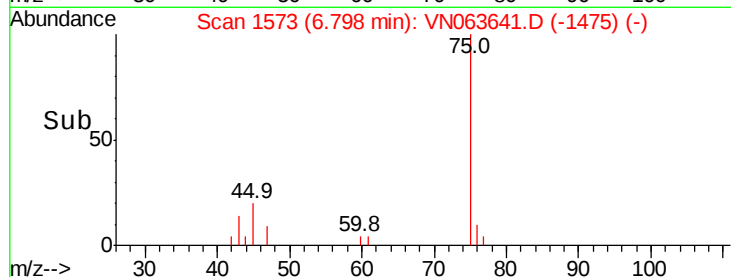
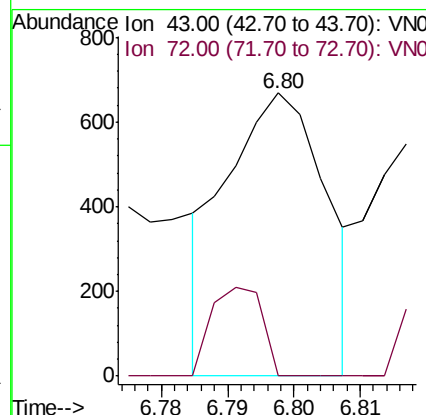
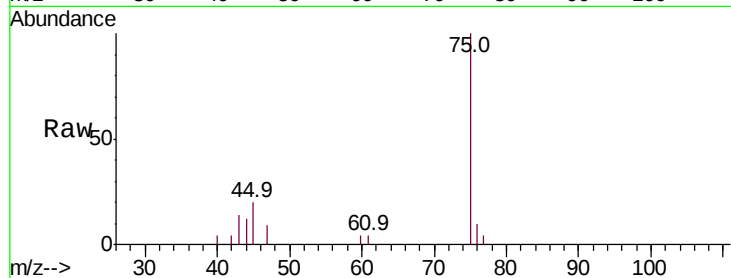




#25
2-Butanone
Concen: 0.419 ug/l
RT: 6.80 min Scan# 1573
Delta R.T. 0.02 min
Lab File: VN063641.D
Acq: 24 Sep 2020 20:16

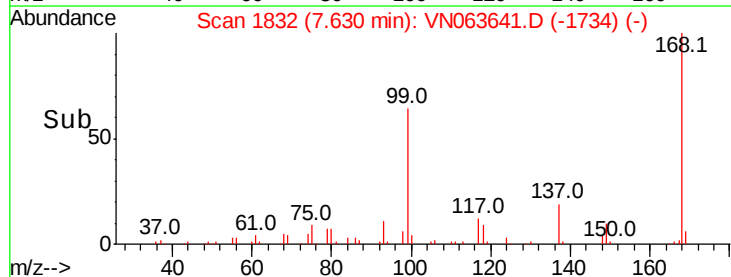
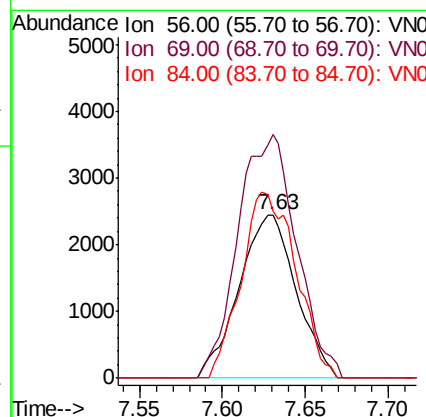
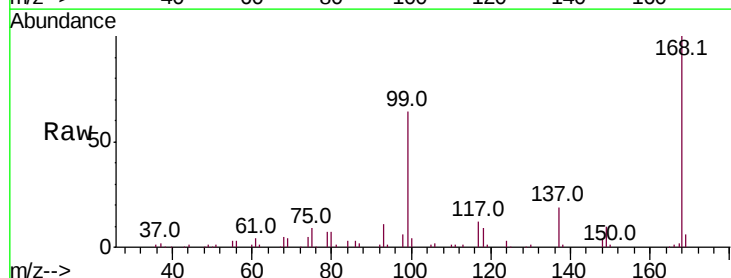
Instrument :
MSVOA_N
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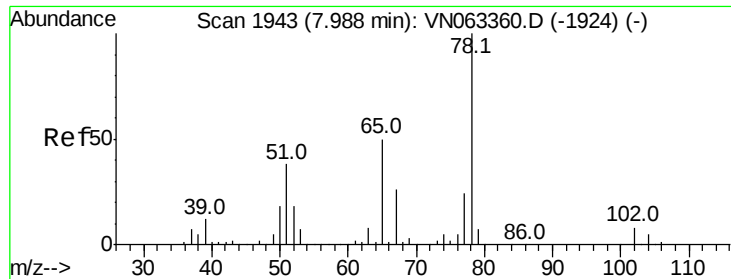
Tot Ion: 43 Resp: 699
Ion Ratio Lower Upper
43 100
72 0.0 19.2 28.8#



#31
Cyclohexane
Concen: 1.257 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN063641.D
Acq: 24 Sep 2020 20:16

Tgt Ion: 56 Resp: 5863
Ion Ratio Lower Upper
56 100
69 148.9 26.1 39.1#
84 102.2 65.4 98.2#

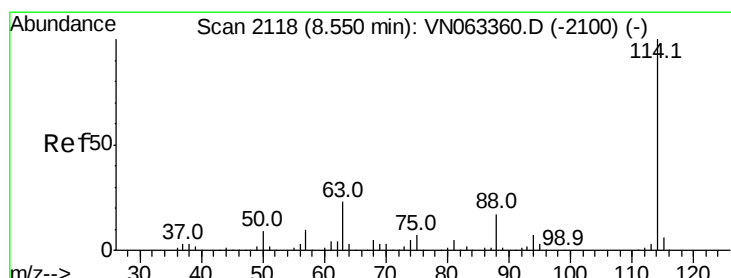
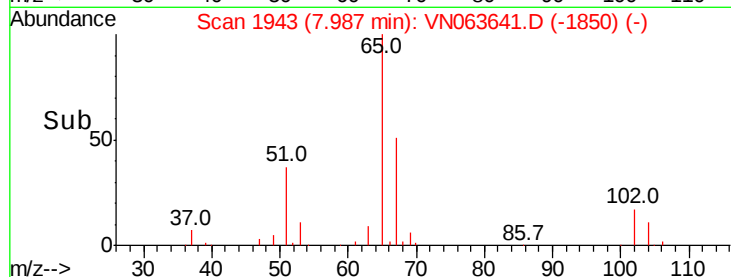
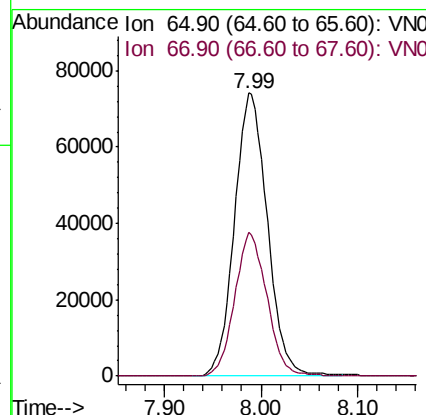
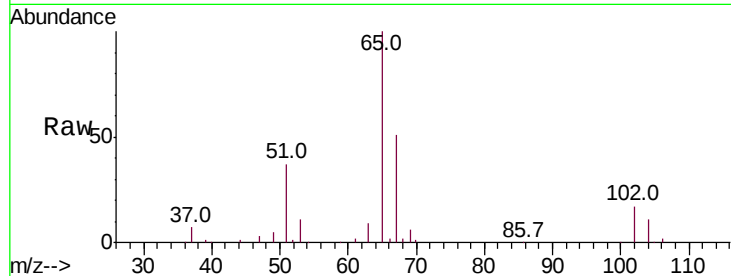




#33
 1,2-Dichloroethane-d4
 Concen: 51.956 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063641.D
 Acq: 24 Sep 2020 20:16

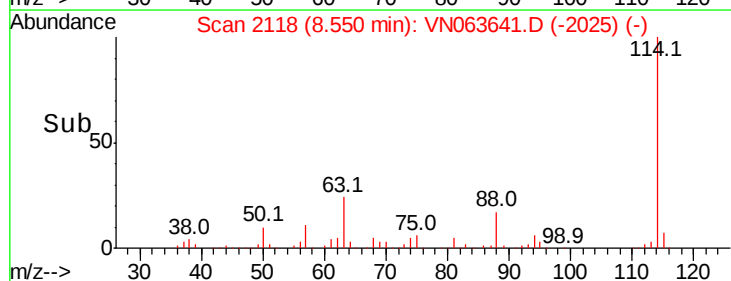
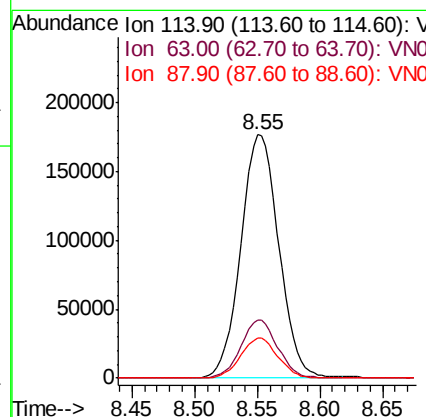
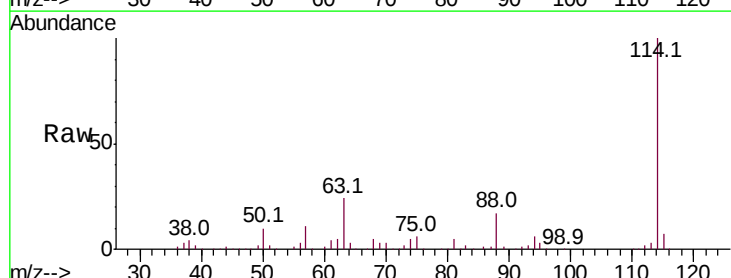
Instrument :
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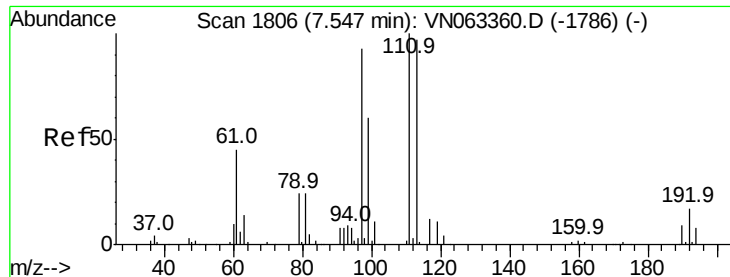
Tot Ion: 65 Resp: 175479
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063641.D
 Acq: 24 Sep 2020 20:16

Tgt Ion: 114 Resp: 371796
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 46.4
 88 16.6 0.0 33.2

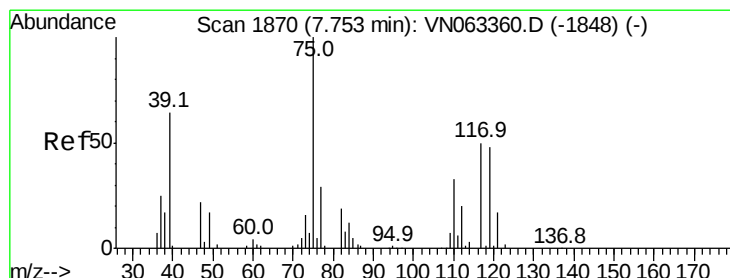
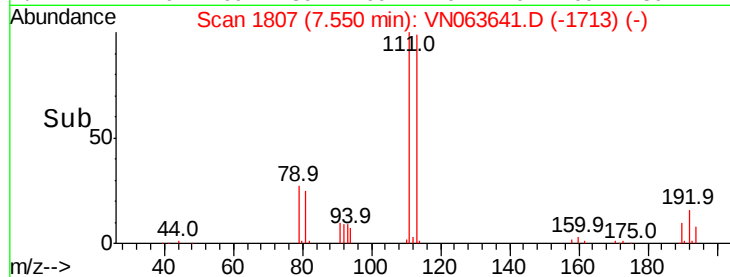
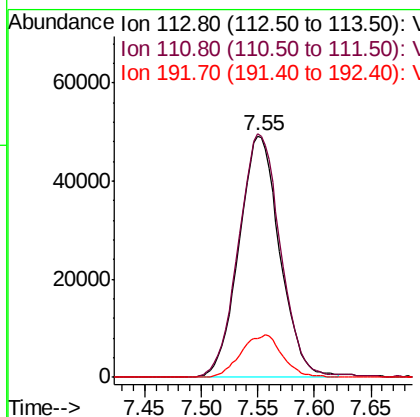
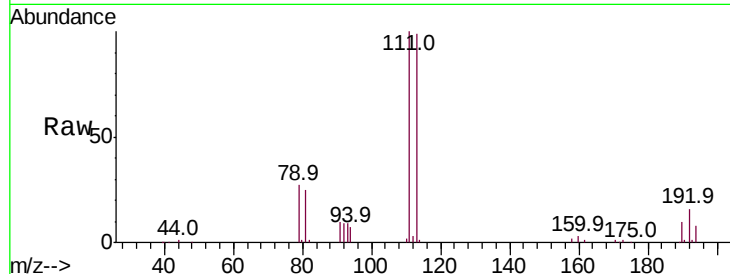




#35
 Dibromofluoromethane
 Concen: 47.968 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063641.D
 Acq: 24 Sep 2020 20:16

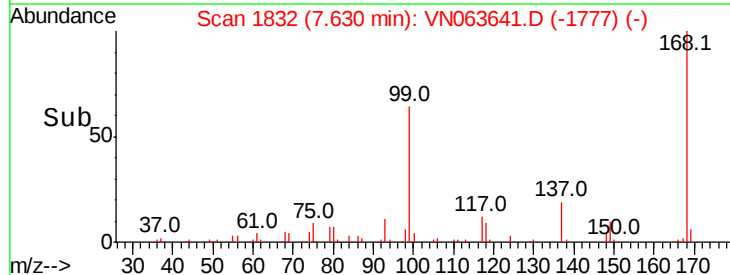
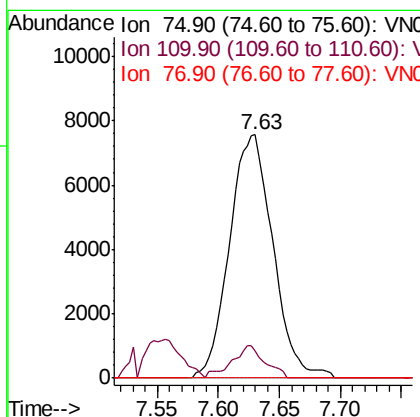
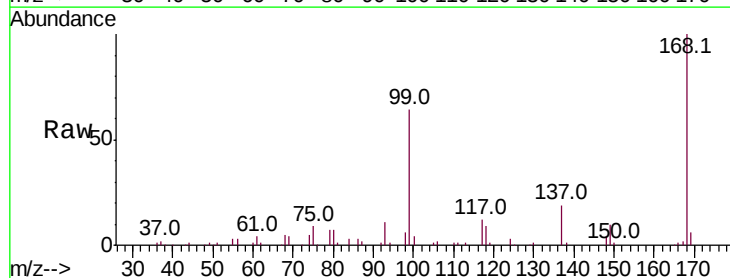
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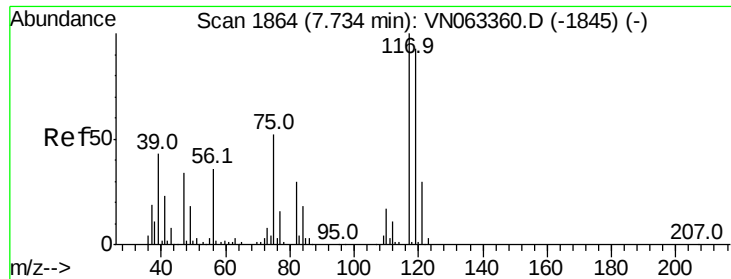
Tot Ion:113 Resp: 123464
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.9 124.3
 192 17.9 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 4.716 ug/l
 RT: 7.63 min Scan# 1832
 Delta R.T. -0.12 min
 Lab File: VN063641.D
 Acq: 24 Sep 2020 20:16

Tgt Ion: 75 Resp: 18681
 Ion Ratio Lower Upper
 75 100
 110 10.0 16.5 49.5#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.548 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN063641.D

Acq: 24 Sep 2020 20:16

Instrument :

MSVOA_N

ClientSampleId :

EB02-20200921

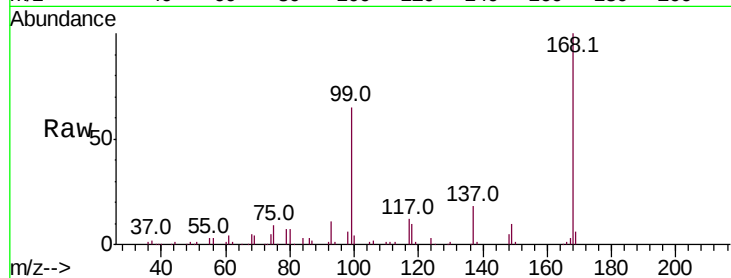
Tot Ion:117 Resp: 22431

Ion Ratio Lower Upper

117 100

119 5.0 74.5 111.7#

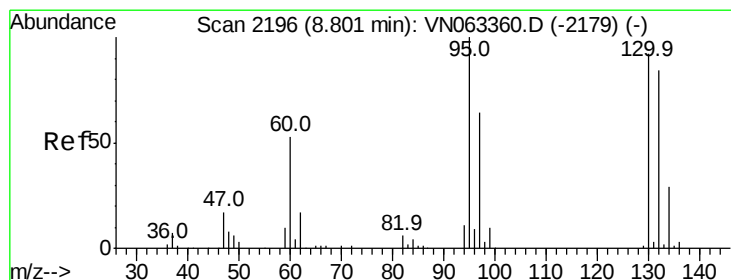
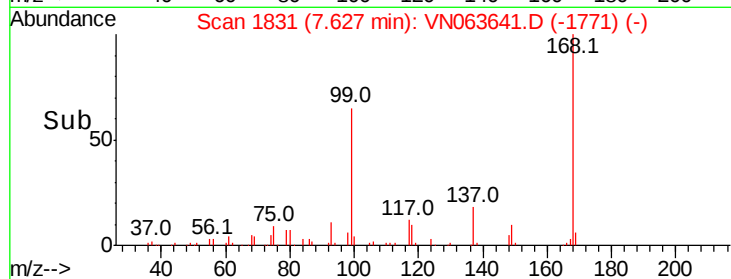
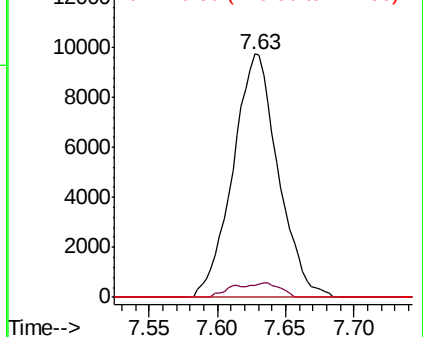
121 0.0 24.1 36.1#



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



#44

Trichloroethene

Concen: 0.968 ug/l

RT: 8.79 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VN063641.D

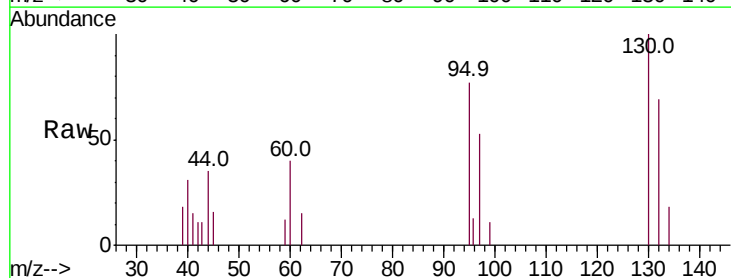
Acq: 24 Sep 2020 20:16

Tgt Ion:130 Resp: 2656

Ion Ratio Lower Upper

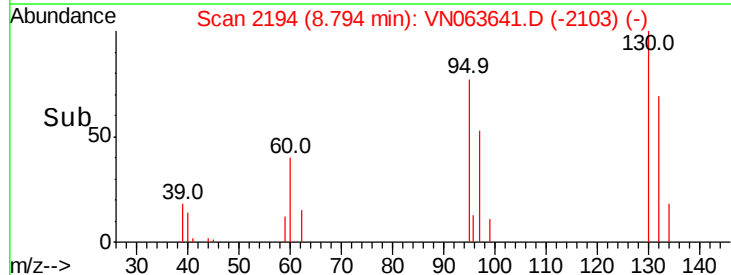
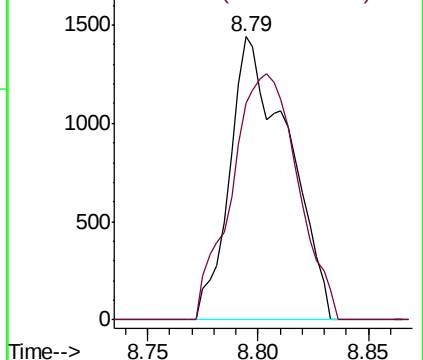
130 100

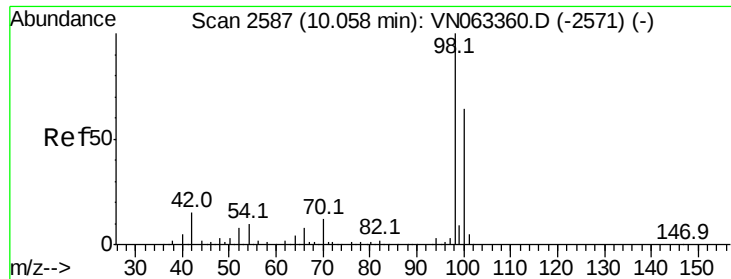
95 76.5 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN





#50

Toluene-d8

Concen: 50.032 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063641.D

Acq: 24 Sep 2020 20:16

Instrument :

MSVOA_N

ClientSampleId :

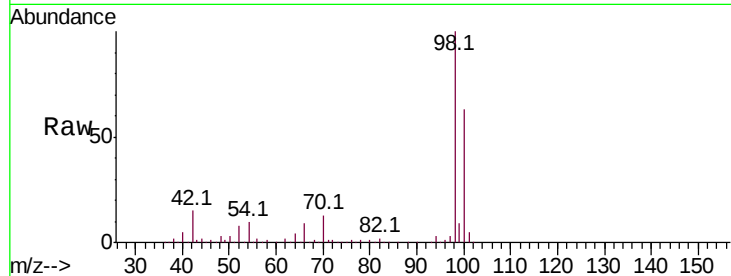
EB02-20200921

Tot Ion: 98 Resp: 484222

Ion Ratio Lower Upper

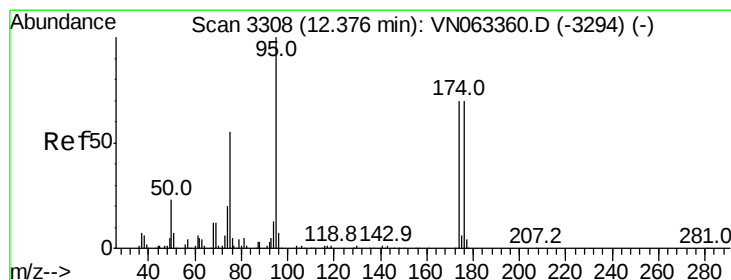
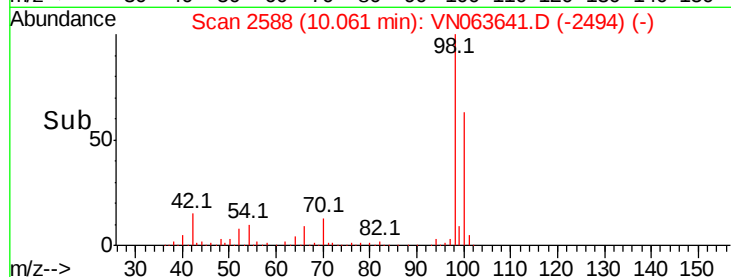
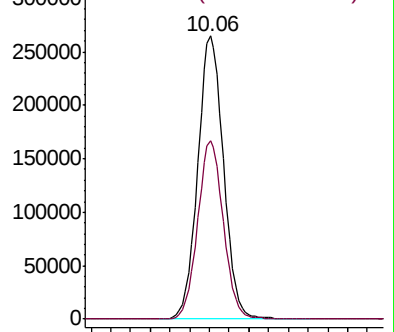
98 100

100 62.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 52.889 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063641.D

Acq: 24 Sep 2020 20:16

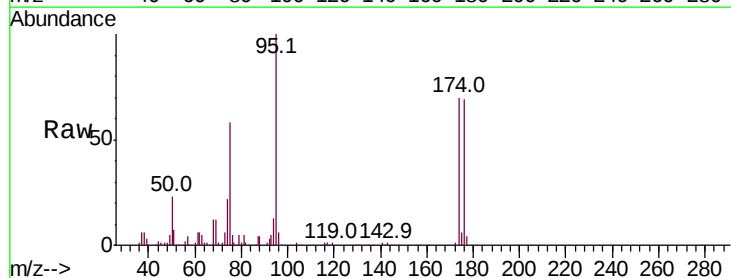
Tgt Ion: 95 Resp: 187643

Ion Ratio Lower Upper

95 100

174 71.6 0.0 140.8

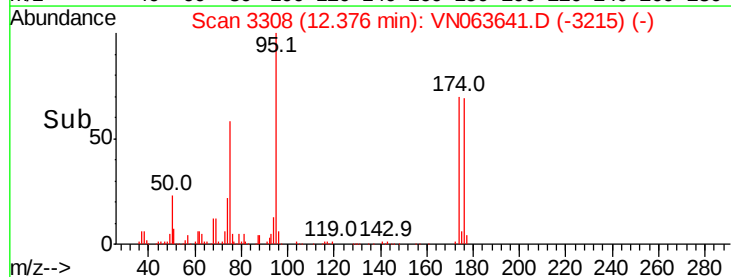
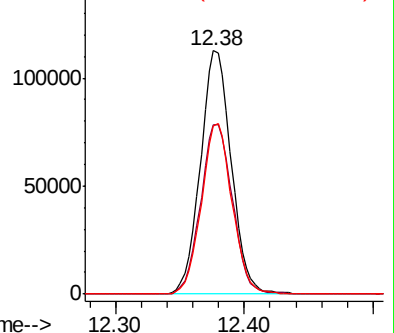
176 69.7 0.0 137.6

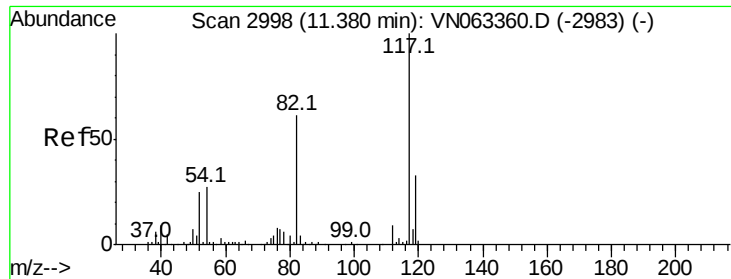


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

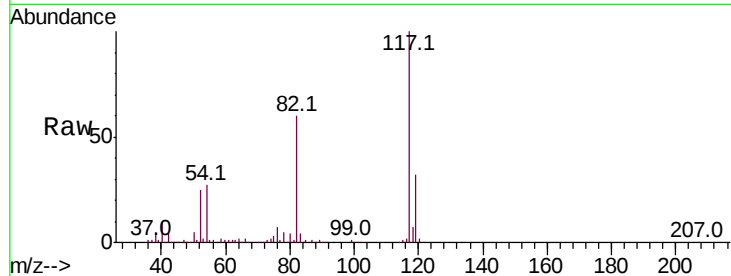




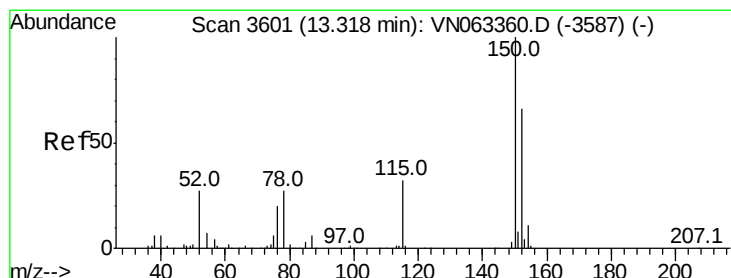
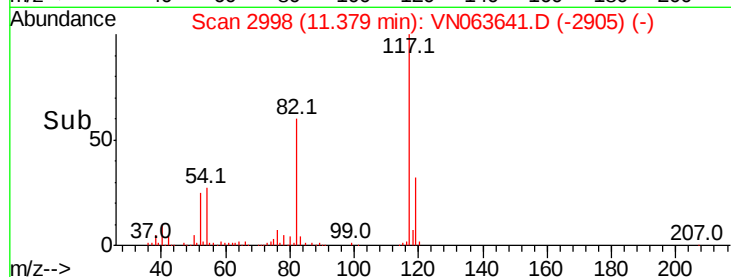
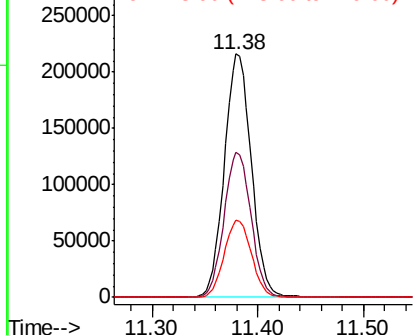
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063641.D
Acq: 24 Sep 2020 20:16

Instrument :
MSVOA_N
ClientSampleId :
EB02-20200921

Tot Ion:117 Resp: 383460
Ion Ratio Lower Upper
117 100
82 59.6 49.2 73.8
119 31.7 26.2 39.4

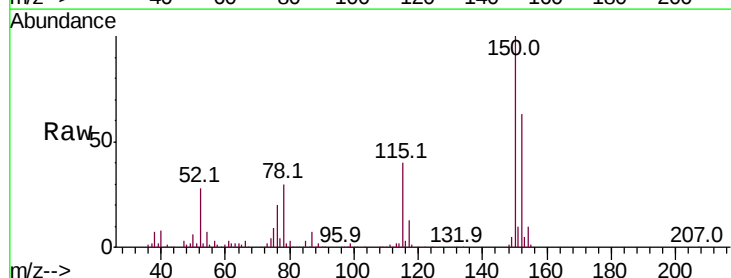


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

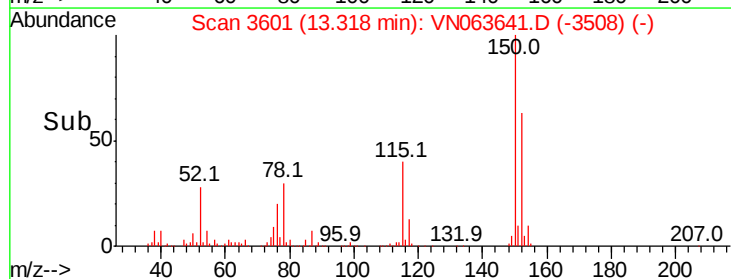
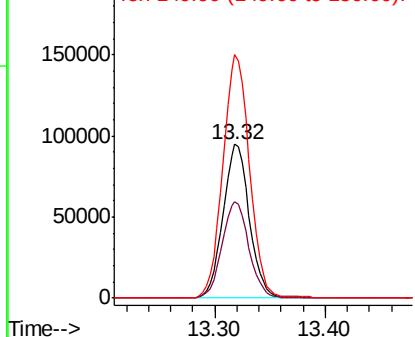


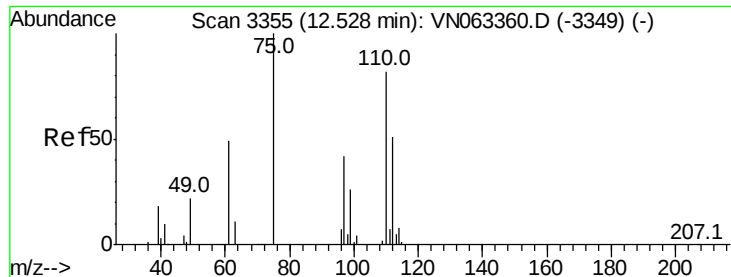
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063641.D
Acq: 24 Sep 2020 20:16

Tgt Ion:152 Resp: 157966
Ion Ratio Lower Upper
152 100
115 63.3 32.2 96.6
150 159.5 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





#76

1,2,3-Trichloropropane

Concen: 27.242 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063641.D

Acq: 24 Sep 2020 20:16

Instrument :

MSVOA_N

ClientSampleId :

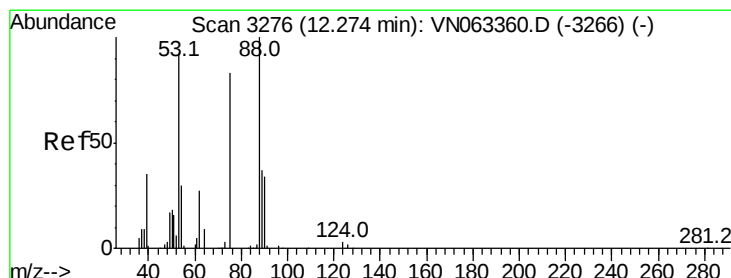
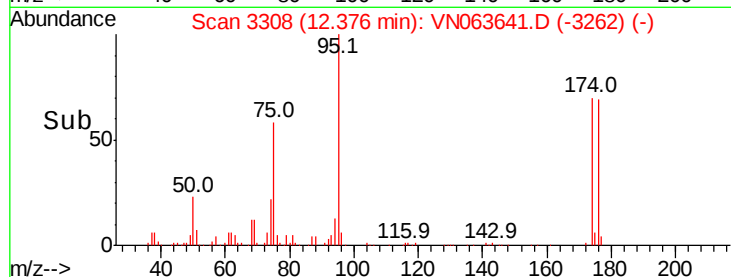
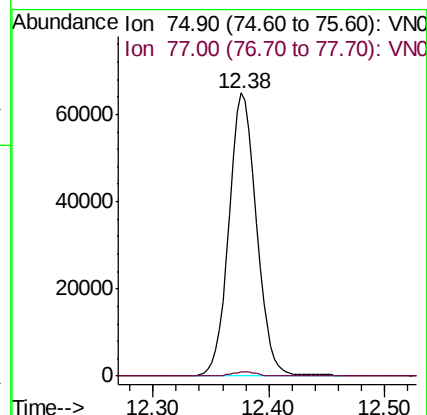
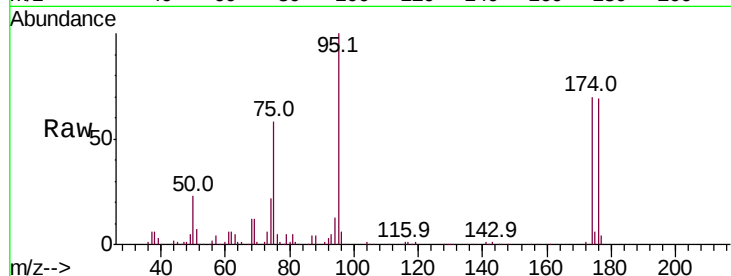
EB02-20200921

Tot Ion: 75 Resp: 106514

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.688 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063641.D

Acq: 24 Sep 2020 20:16

Tgt Ion: 75 Resp: 106514

Ion Ratio Lower Upper

75 100

53 0.1 85.7 128.5#

89 0.0 38.0 57.0#

