

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064245.D
 Acq On : 22 Oct 2020 4:13
 Operator : JC/MD
 Sample : L4221-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-102020

Quant Time: Oct 22 05:53:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	260370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	455263	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	466581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	211643	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	203219	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
35) Dibromofluoromethane	7.55	113	149368	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	10.06	98	579854	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
62) 4-Bromofluorobenzene	12.38	95	260453	58.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.02%	

Target Compounds

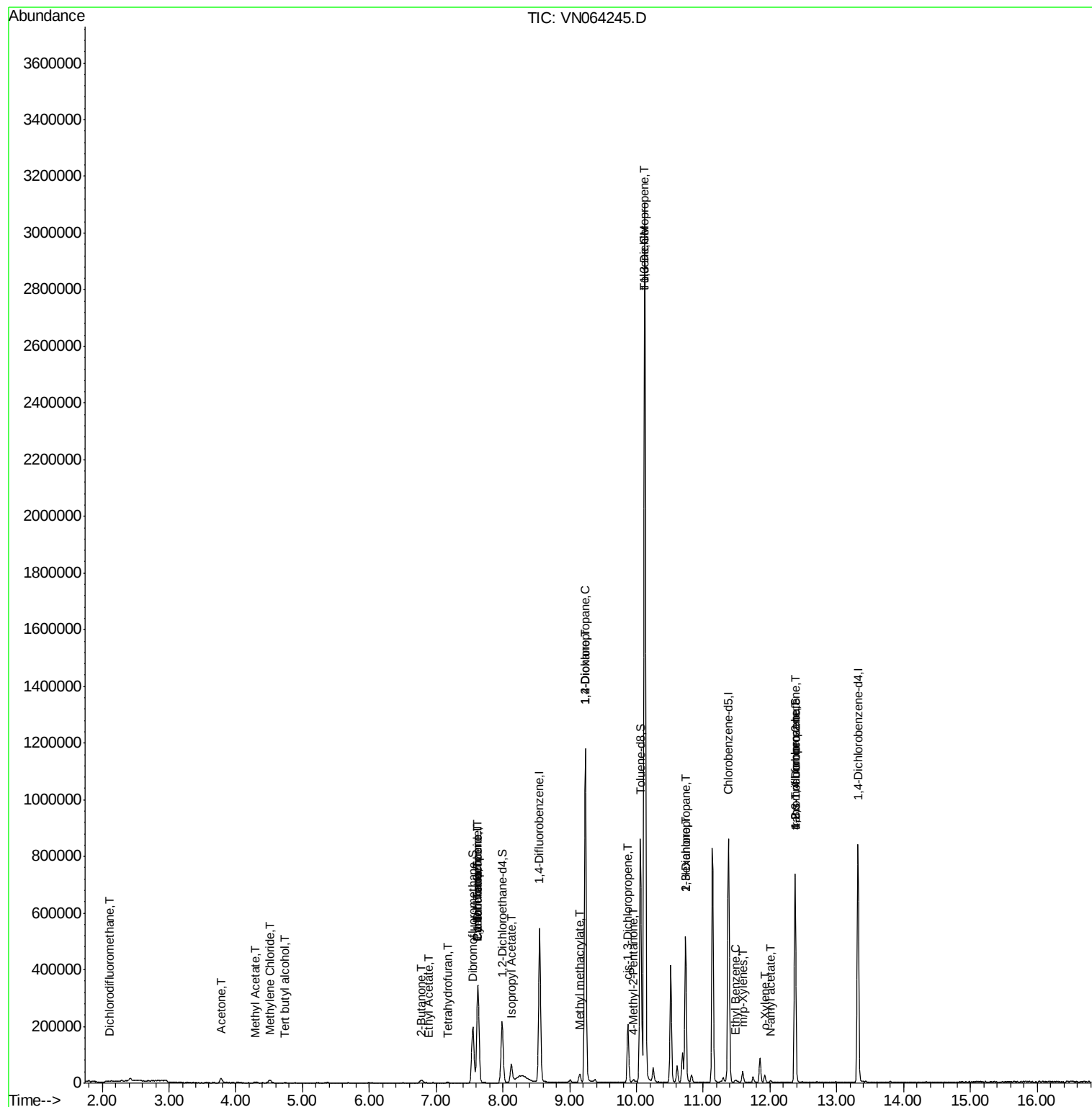
						Qvalue
2) Dichlorodifluoromethane	2.11	85	63	0.805	ug/l #	41
11) Tert butyl alcohol	4.73	59	521	1.007	ug/l #	70
16) Acetone	3.78	43	29493	26.658	ug/l	93
18) Methyl Acetate	4.28	43	1415	0.502	ug/l #	88
20) Methylene Chloride	4.51	84	6451	2.187	ug/l	95
25) 2-Butanone	6.78	43	3743	2.129	ug/l #	88
29) Tetrahydrofuran	7.17	42	953	0.906	ug/l #	54
31) Cyclohexane	7.62	56	6542	1.427	ug/l #	16
36) 1,1-Dichloropropene	7.63	75	23194	5.110	ug/l #	50
37) Ethyl Acetate	6.88	43	827	0.201	ug/l #	71
38) Carbon Tetrachloride	7.63	117	26953	5.219	ug/l #	14
43) Isopropyl Acetate	8.13	43	90368	11.767	ug/l #	87
45) 1,2-Dichloropropane	9.24	63	1418	0.424	ug/l #	45
48) Methyl methacrylate	9.14	41	4955	1.235	ug/l #	17
49) 1,4-Dioxane	9.24	88	105	2.237	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	6211	1.513	ug/l #	85
52) Toluene	10.13	92	1328520	165.718	ug/l	100
53) t-1,3-Dichloropropene	10.12	75	17745	3.219	ug/l #	1
54) cis-1,3-Dichloropropene	9.87	75	33225	5.725	ug/l #	61
57) 1,3-Dichloropropane	10.74	76	5176	0.984	ug/l #	42
59) 2-Hexanone	10.74	43	83660	27.909	ug/l #	53
67) Ethyl Benzene	11.48	91	4711	0.265	ug/l	91
68) m/p-Xylenes	11.59	106	11363	1.728	ug/l	100
69) o-Xylene	11.92	106	4749	0.747	ug/l	88
74) N-amyl acetate	12.01	43	5413	0.776	ug/l #	48
76) 1,2,3-Trichloropropane	12.38	75	136904	30.684	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	136904	77.468	ug/l #	9

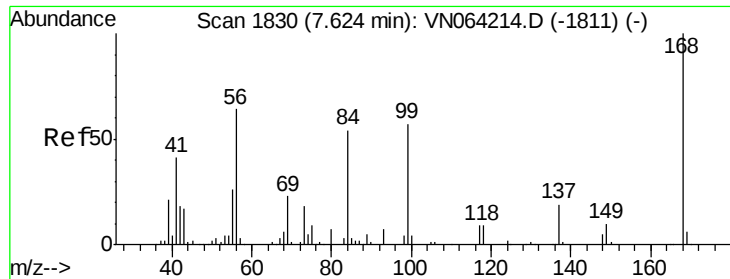
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 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: VN064245.D

Acq: 22 Oct 2020 4:13

Instrument :

MSVOA_N

ClientSampleId :

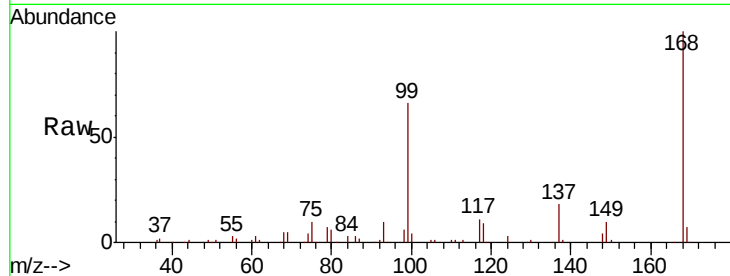
OK-03-102020

Tot Ion:168 Resp: 260370

Ion Ratio Lower Upper

168 100

99 65.7 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

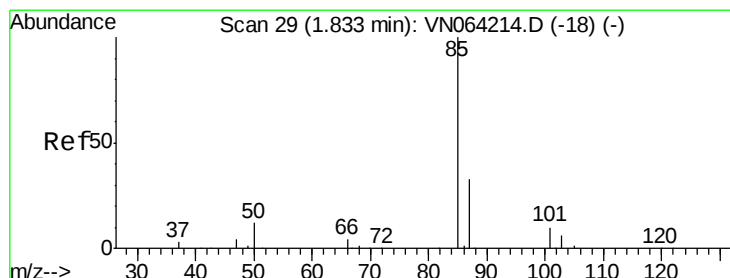
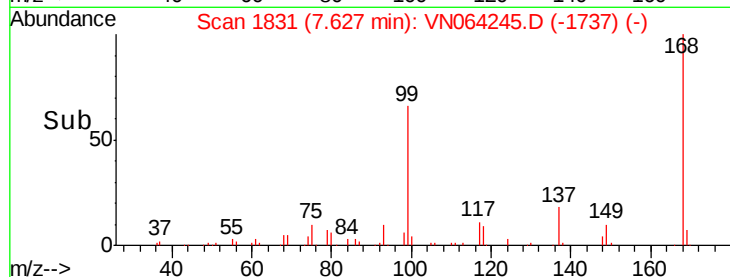
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 0.805 ug/l

RT: 2.11 min Scan# 116

Delta R.T. 0.28 min

Lab File: VN064245.D

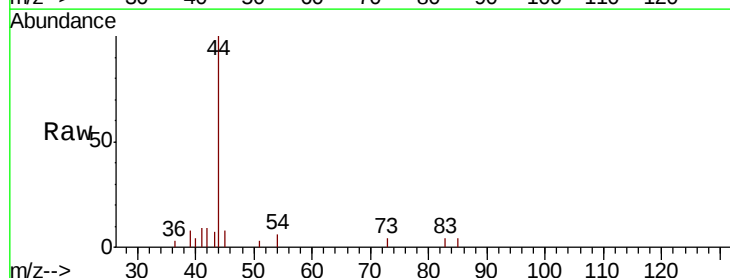
Acq: 22 Oct 2020 4:13

Tgt Ion: 85 Resp: 63

Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

2.11

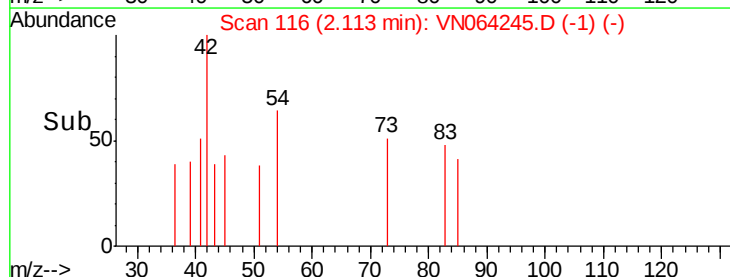
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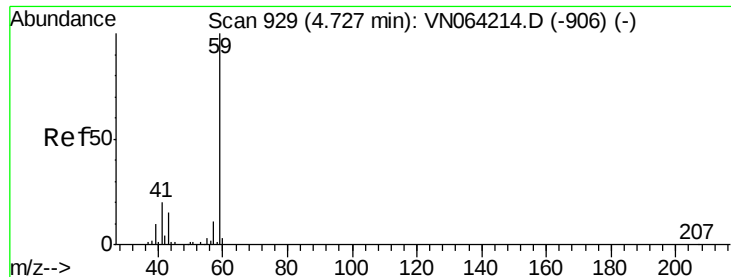
100

50

0

Time--> 2.11 2.12



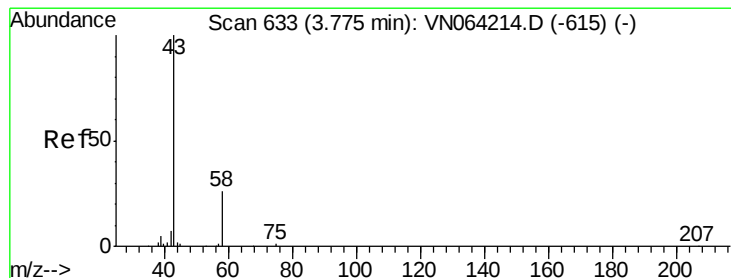
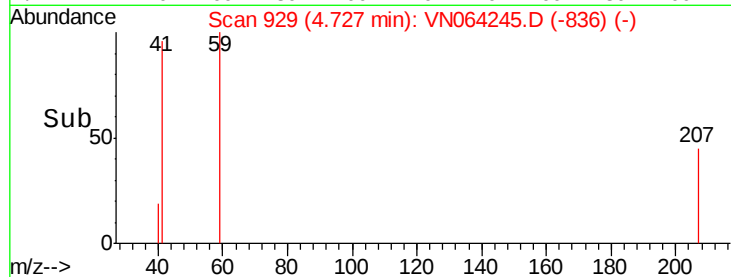
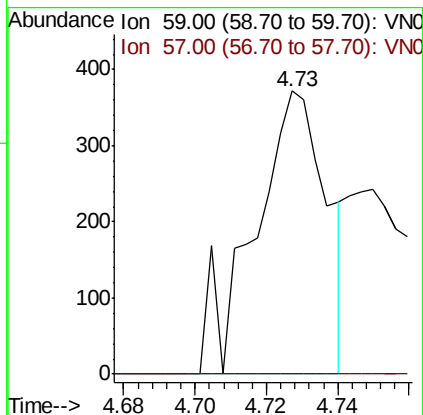
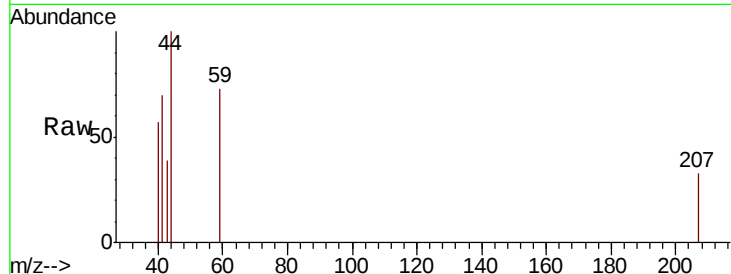


#11

Tert butyl alcohol
 Concen: 1.007 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN064245.D
 Acq: 22 Oct 2020 4:13

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-102020

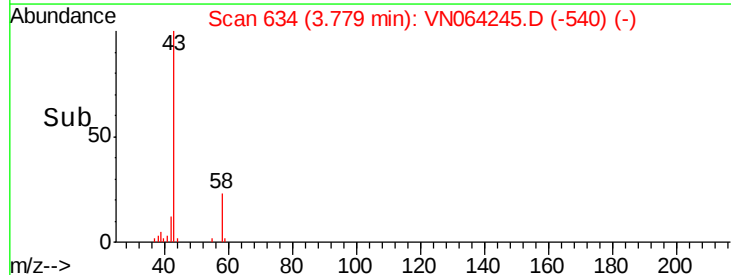
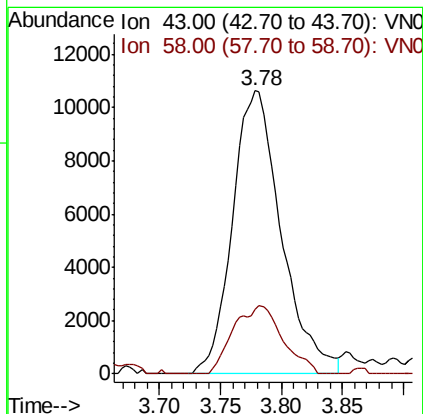
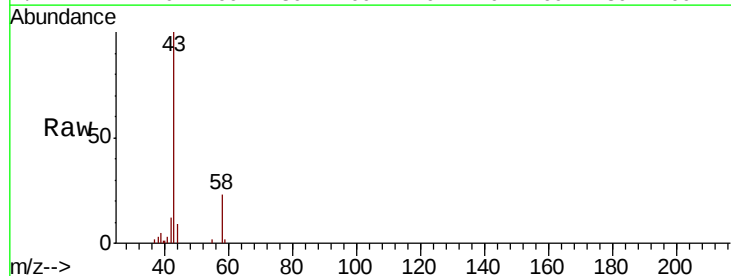
Tot Ion: 59 Resp: 521
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.2 13.8#

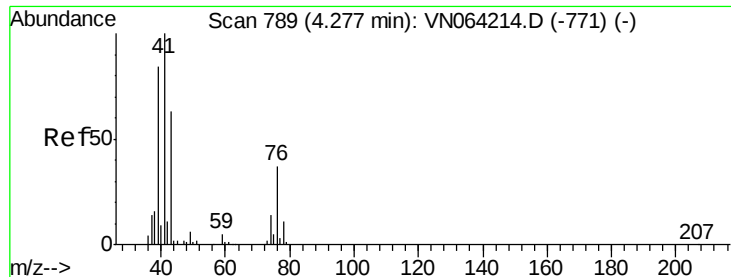


#16

Acetone
 Concen: 26.658 ug/l
 RT: 3.78 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VN064245.D
 Acq: 22 Oct 2020 4:13

Tgt Ion: 43 Resp: 29493
 Ion Ratio Lower Upper
 43 100
 58 22.8 21.0 31.4

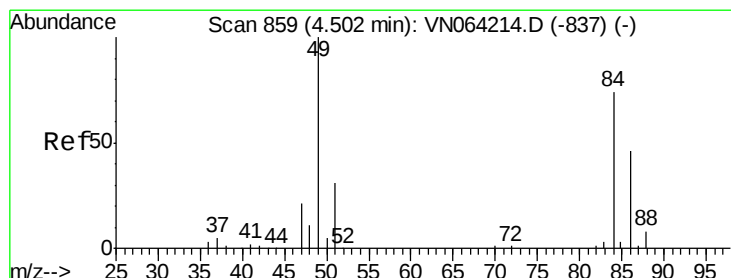
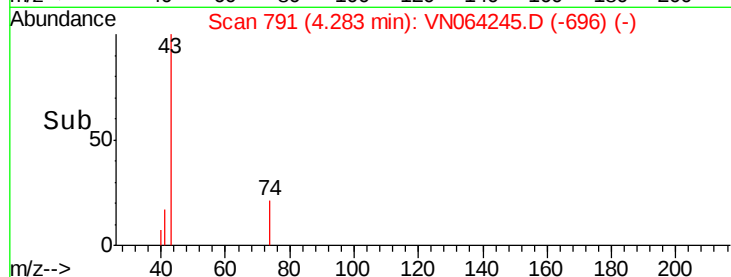
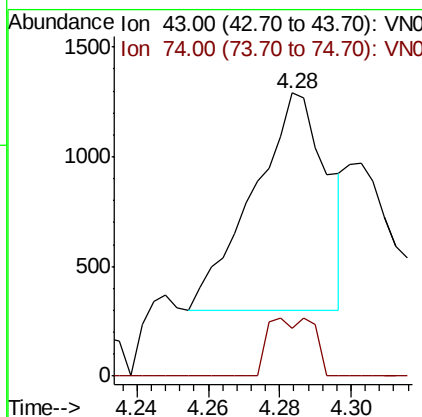
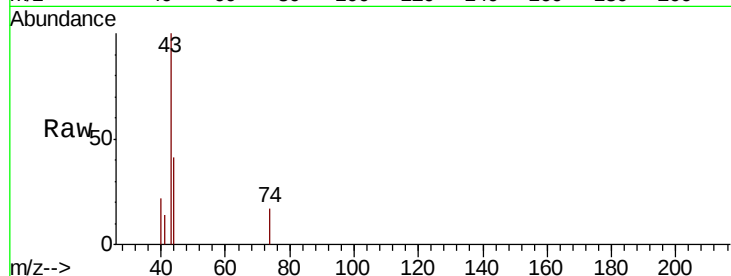




#18
Methyl Acetate
Concen: 0.502 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN064245.D
Acq: 22 Oct 2020 4:13

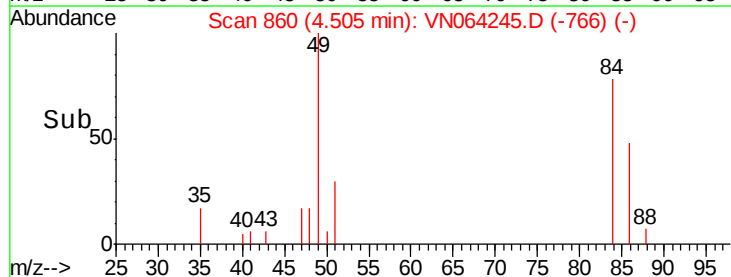
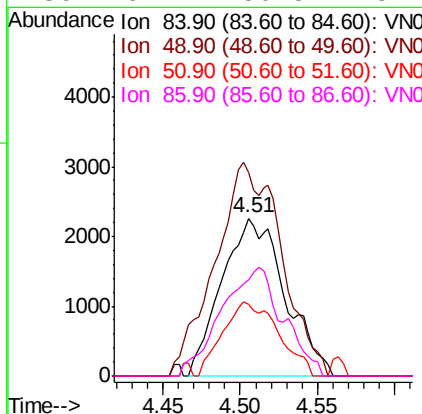
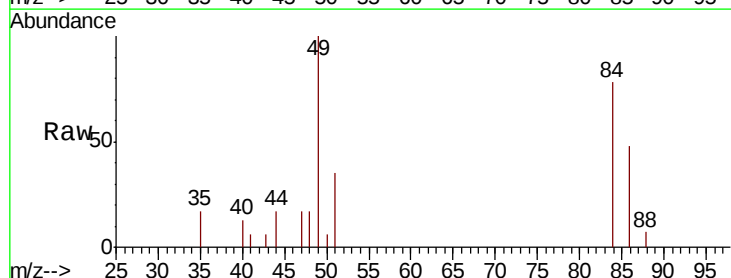
Instrument :
MSVOA_N
ClientSampled :
OK-03-102020

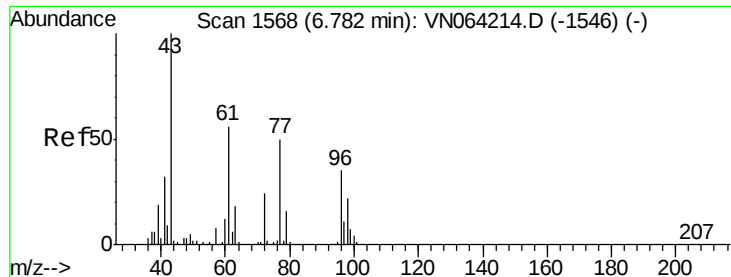
Tot Ion: 43 Resp: 1415
Ion Ratio Lower Upper
43 100
74 16.8 17.9 26.9#



#20
Methylene Chloride
Concen: 2.187 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064245.D
Acq: 22 Oct 2020 4:13

Tgt Ion: 84 Resp: 6451
Ion Ratio Lower Upper
84 100
49 128.6 108.5 162.7
51 37.5 33.8 50.8
86 61.2 50.5 75.7





#25

2-Butanone

Concen: 2.129 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064245.D

Acq: 22 Oct 2020 4:13

Instrument :

MSVOA_N

ClientSampleId :

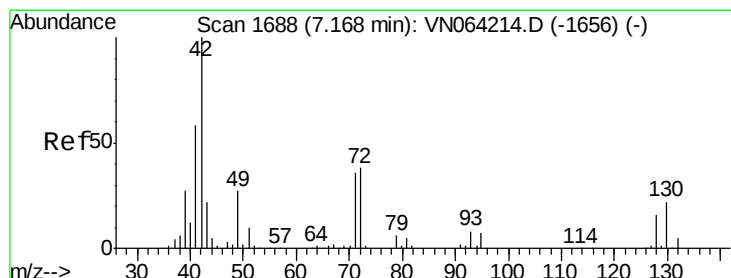
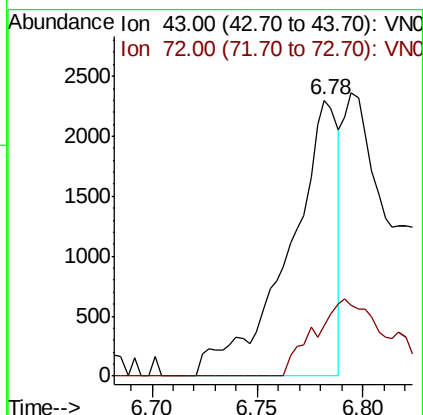
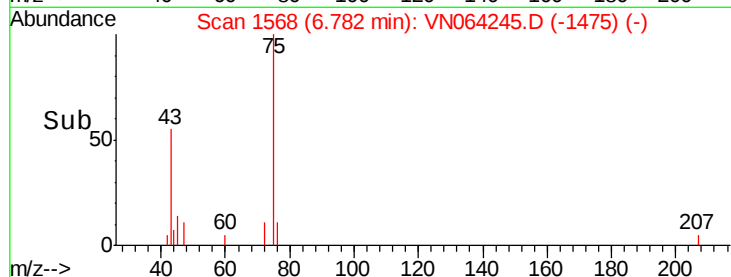
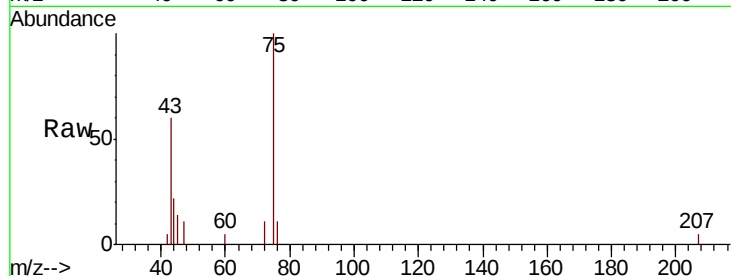
OK-03-102020

Tot Ion: 43 Resp: 3743

Ion Ratio Lower Upper

43 100

72 18.4 19.4 29.0#



#29

Tetrahydrofuran

Concen: 0.906 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN064245.D

Acq: 22 Oct 2020 4:13

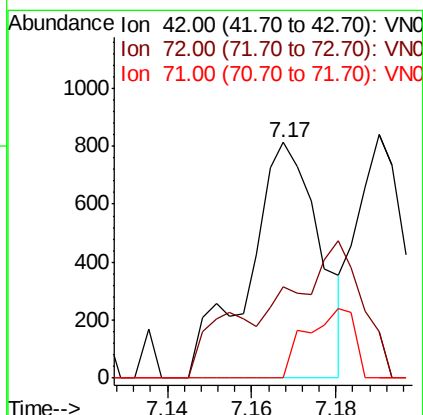
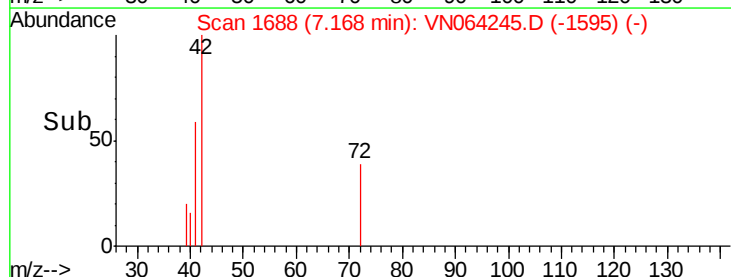
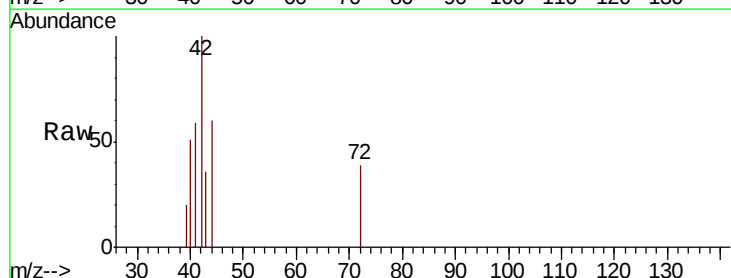
Tgt Ion: 42 Resp: 953

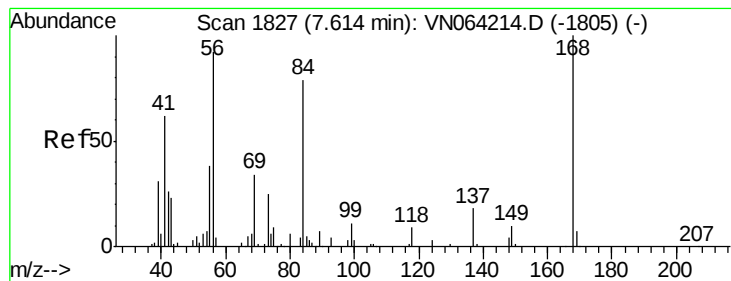
Ion Ratio Lower Upper

42 100

72 19.7 30.8 46.2#

71 0.0 29.0 43.6#





#31

Cyclohexane

Concen: 1.427 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN064245.D

Acq: 22 Oct 2020 4:13

Instrument :

MSVOA_N

ClientSampleId :

OK-03-102020

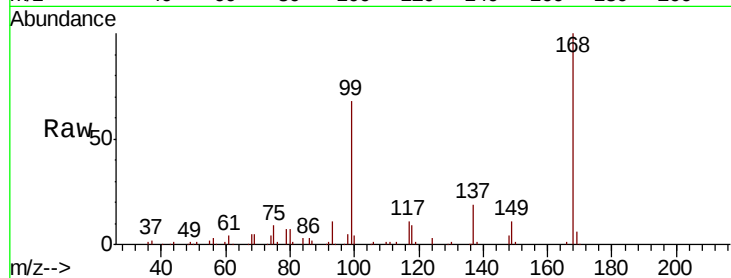
Tot Ion: 56 Resp: 6542

Ion Ratio Lower Upper

56 100

69 177.8 29.8 44.6#

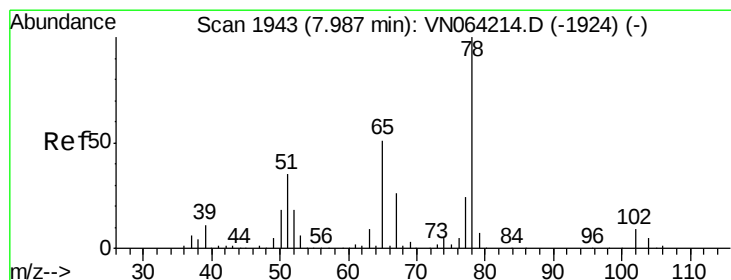
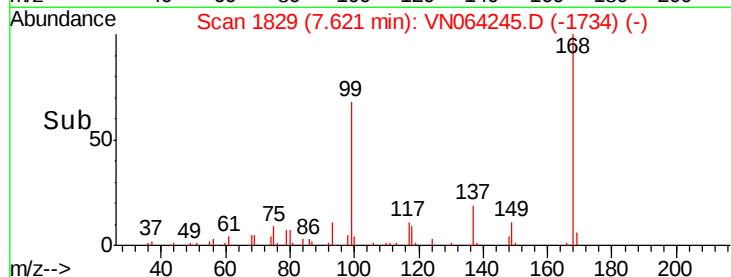
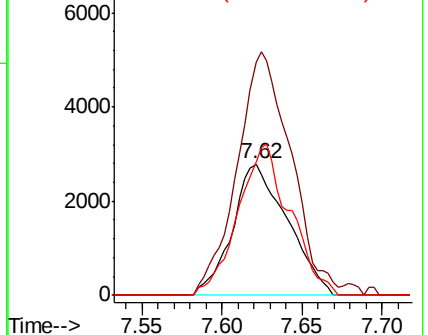
84 101.7 68.1 102.1



Abundance Ion 56.00 (55.70 to 56.70): VN064214.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN064214.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN064214.D (-1805) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.557 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064245.D

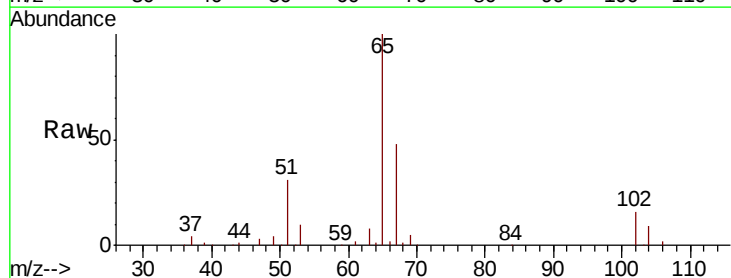
Acq: 22 Oct 2020 4:13

Tgt Ion: 65 Resp: 203219

Ion Ratio Lower Upper

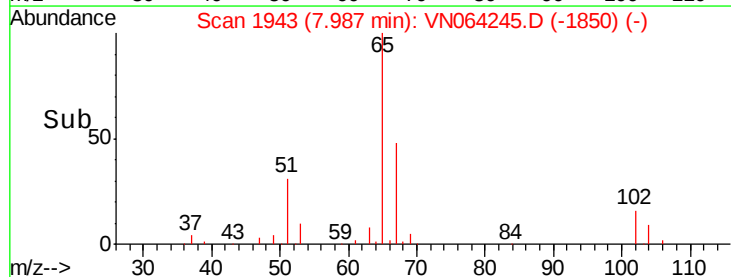
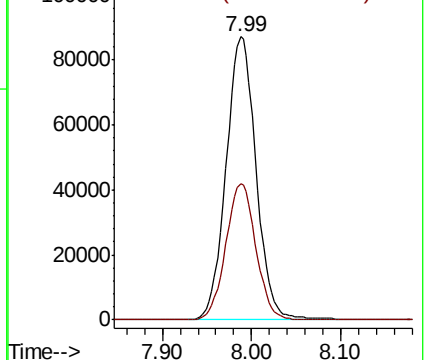
65 100

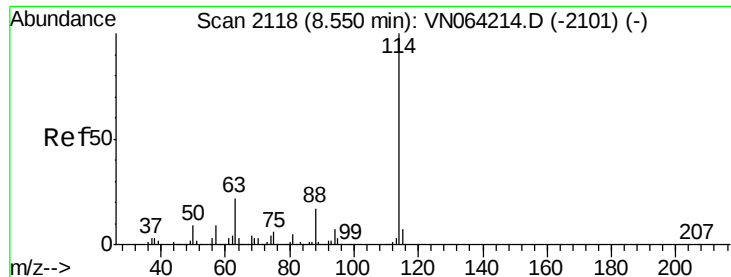
67 48.2 0.0 100.2



Abundance Ion 64.90 (64.60 to 65.60): VN064214.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN064214.D (-1924) (-)

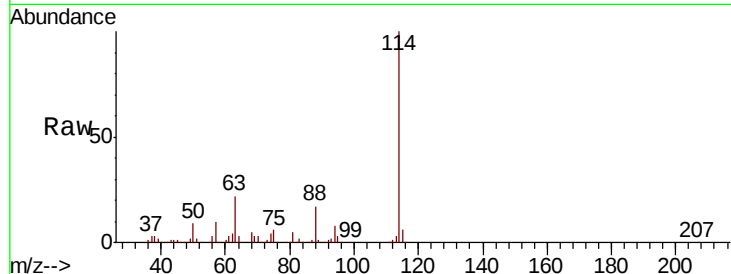




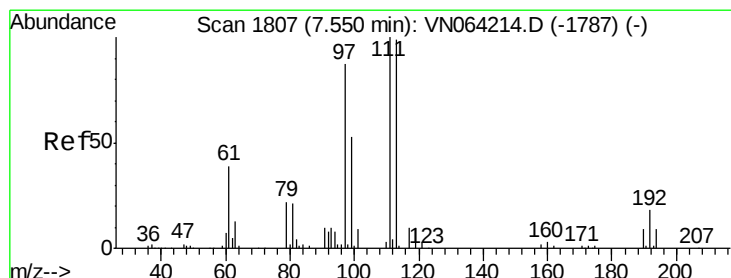
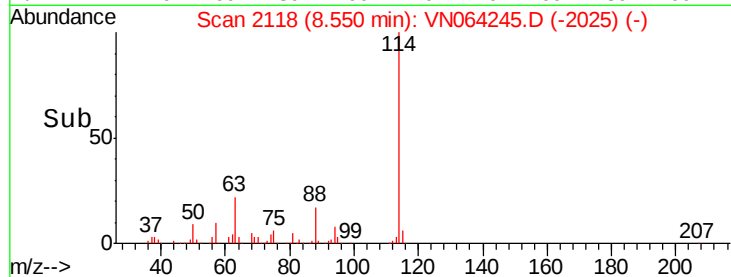
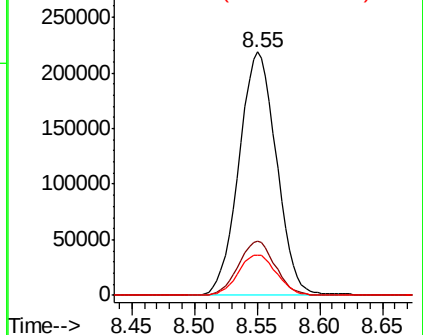
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064245.D
 Acq: 22 Oct 2020 4:13

Instrument :
 MSVOA_N
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 OK-03-102020

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.0
88	16.5	0.0	34.2

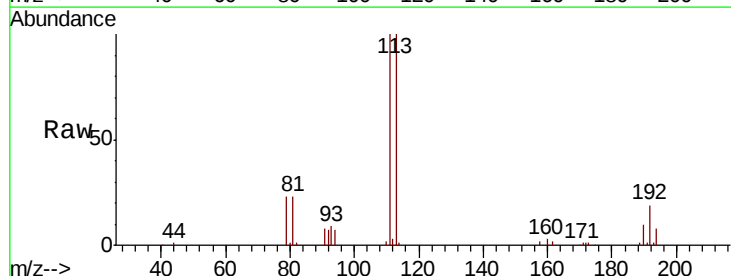


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

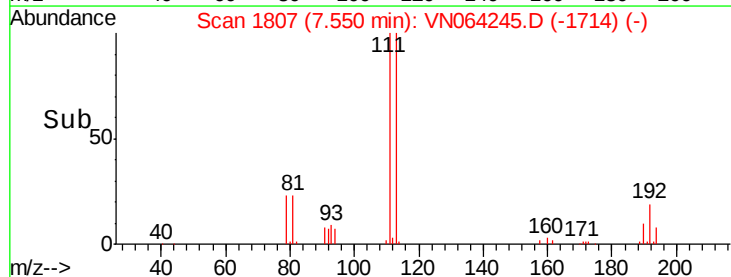
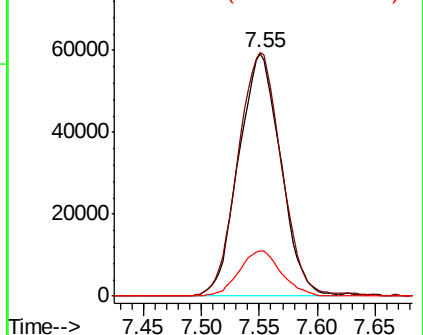


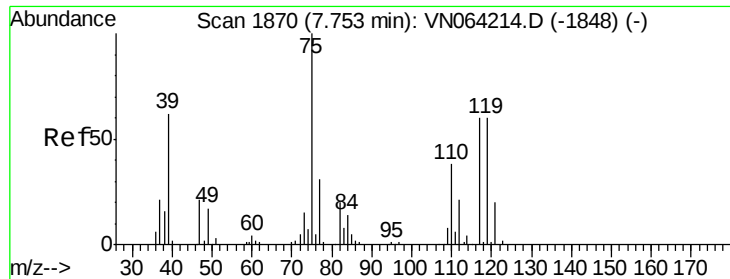
#35
 Dibromofluoromethane
 Concen: 49.348 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064245.D
 Acq: 22 Oct 2020 4:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	84.2	126.2
192	18.7	15.2	22.8



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

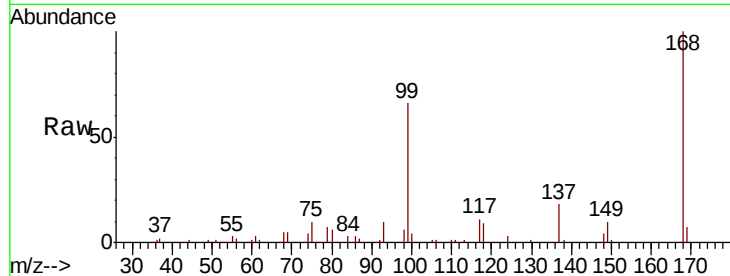




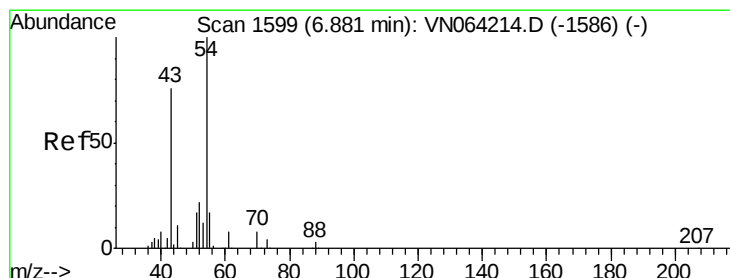
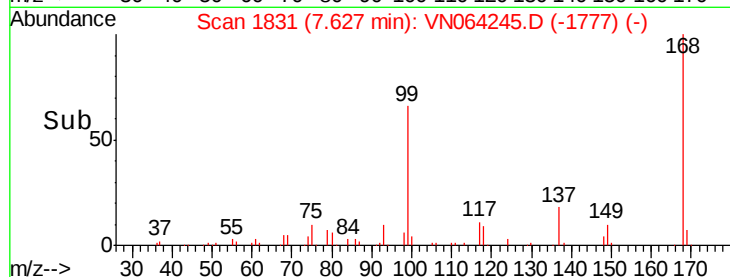
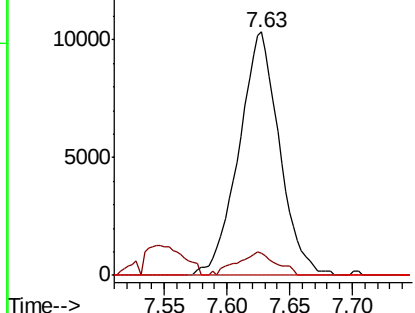
#36
 1,1-Dichloropropene
 Concen: 5.110 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064245.D
 Acq: 22 Oct 2020 4:13

Instrument :
 MSVOA_N
 ClientSampled :
 OK-03-102020

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.2	51.6#
77	0.0	24.9	37.3#

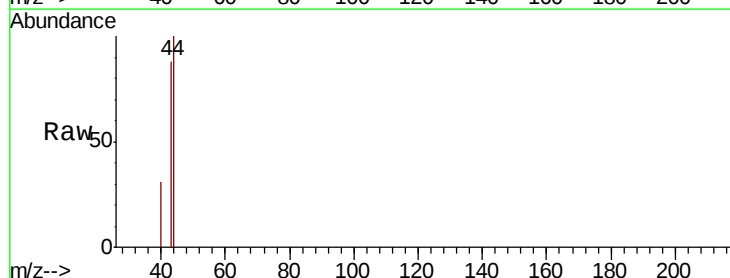


Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO

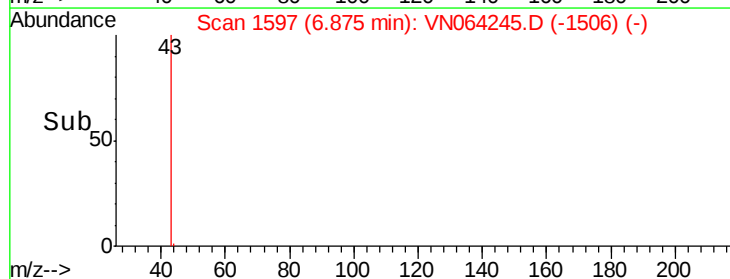
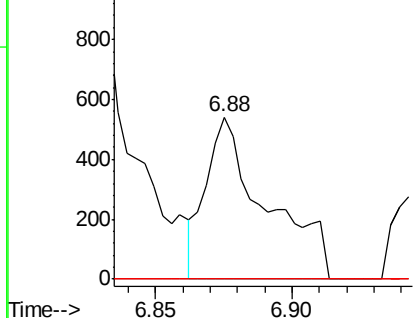


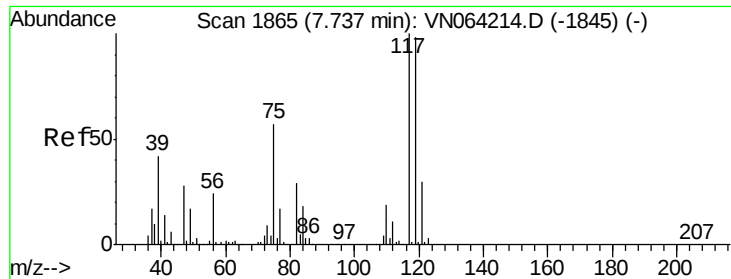
#37
 Ethyl Acetate
 Concen: 0.201 ug/l
 RT: 6.88 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: VN064245.D
 Acq: 22 Oct 2020 4:13

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.0	15.0#
70	0.0	7.5	11.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 60.90 (60.60 to 61.60): VNO
 Ion 70.00 (69.70 to 70.70): VNO

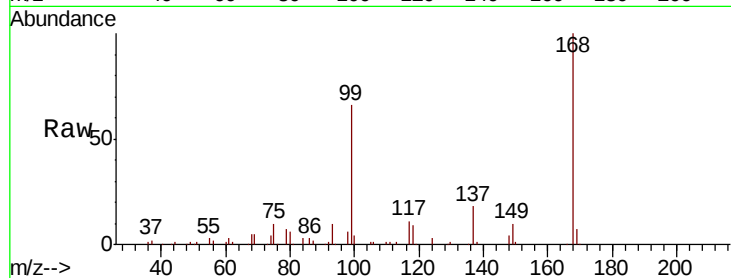




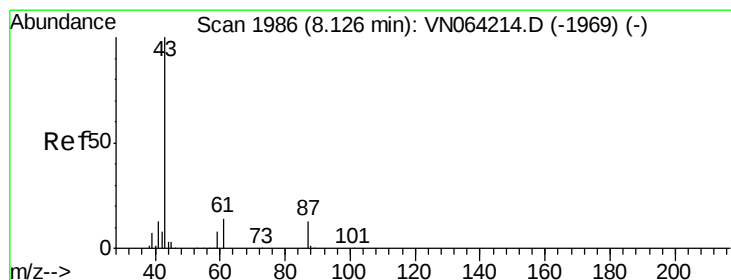
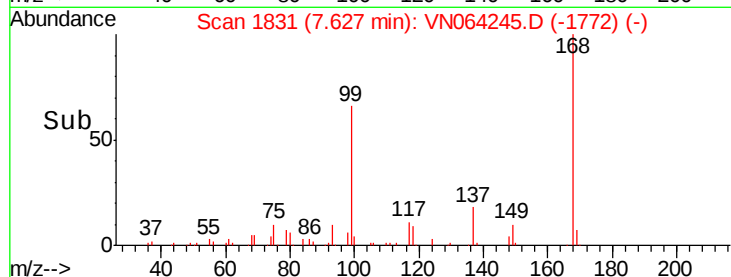
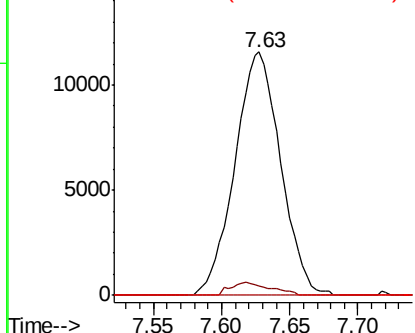
#38
Carbon Tetrachloride
Concen: 5.219 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064245.D
Acq: 22 Oct 2020 4:13

Instrument :
MSVOA_N
ClientSampleId :
OK-03-102020

Tot Ion:117 Resp: 26953
Ion Ratio Lower Upper
117 100
119 3.8 78.5 117.7#
121 0.0 24.3 36.5#

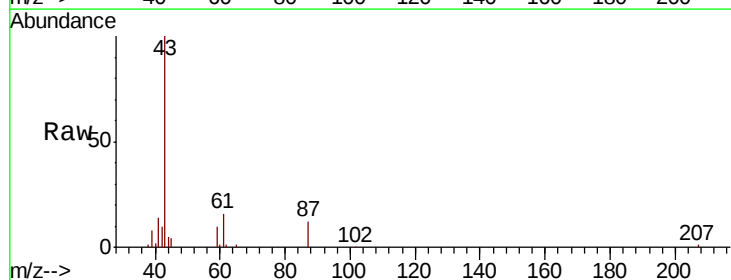


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

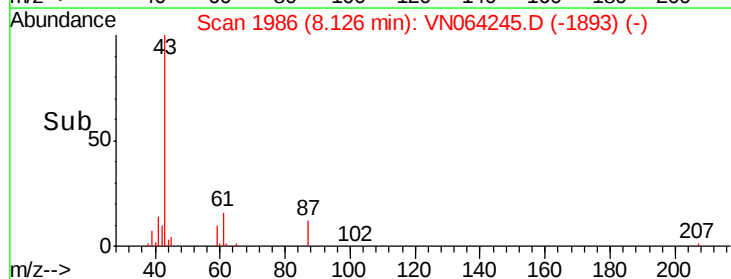
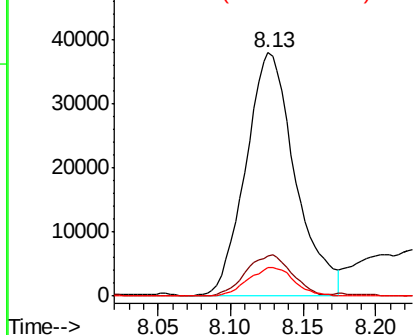


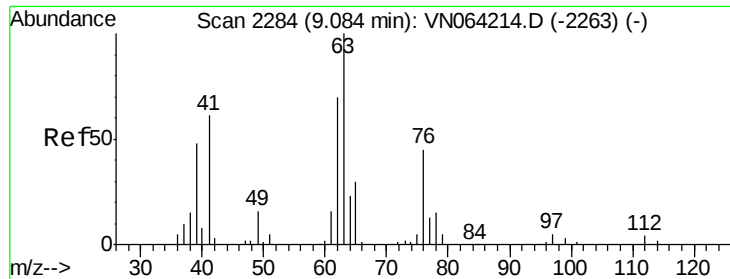
#43
Isopropyl Acetate
Concen: 11.767 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064245.D
Acq: 22 Oct 2020 4:13

Tgt Ion: 43 Resp: 90368
Ion Ratio Lower Upper
43 100
61 15.7 19.6 29.4#
87 10.9 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.424 ug/l

RT: 9.24 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN064245.D

Acq: 22 Oct 2020 4:13

Instrument :

MSVOA_N

ClientSampleId :

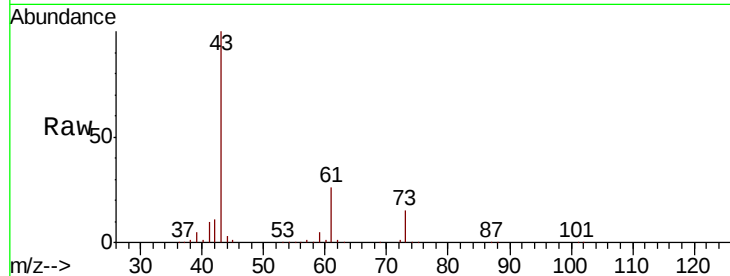
OK-03-102020

Tot Ion: 63 Resp: 1418

Ion Ratio Lower Upper

63 100

65 0.0 24.0 36.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

800

600

400

200

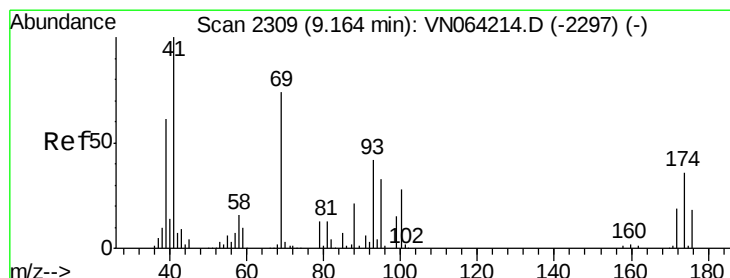
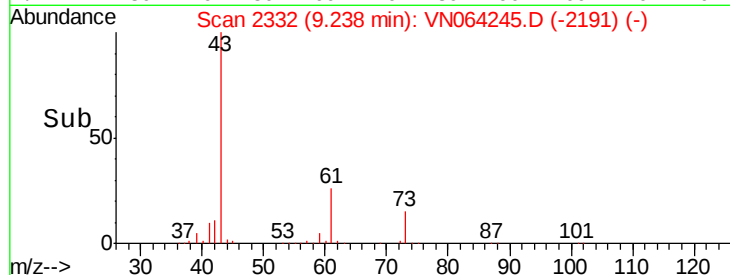
0

9.20

9.24

9.25

Time-->



#48

Methyl methacrylate

Concen: 1.235 ug/l

RT: 9.14 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN064245.D

Acq: 22 Oct 2020 4:13

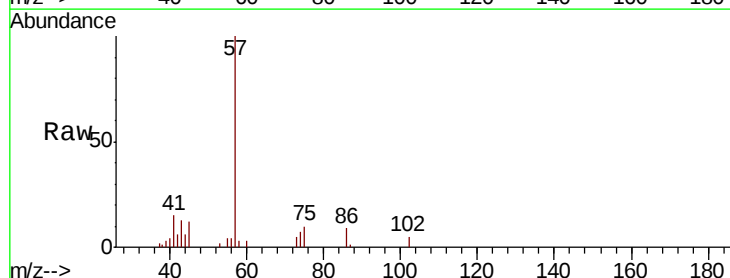
Tgt Ion: 41 Resp: 4955

Ion Ratio Lower Upper

41 100

69 0.0 57.3 85.9#

39 0.0 48.6 73.0#



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

80000

60000

40000

20000

0

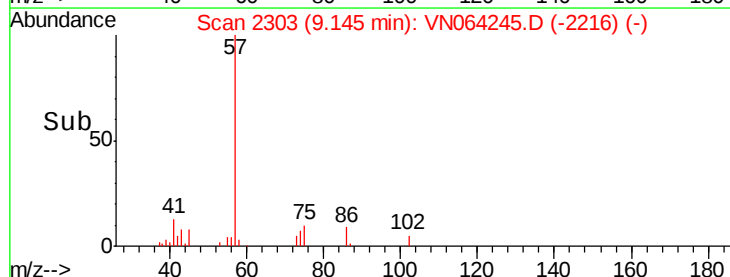
9.10

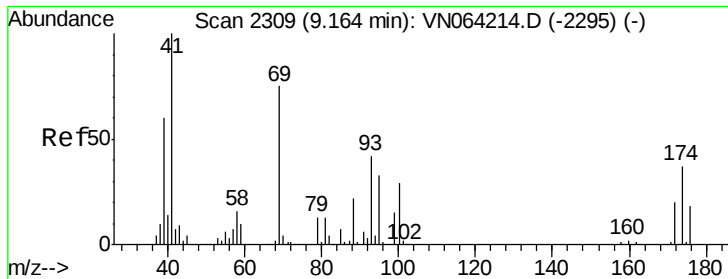
9.14

9.15

9.20

Time-->





#49

1,4-Dioxane

Concen: 2.237 ug/l

RT: 9.24 min Scan# 2332

Delta R.T. 0.07 min

Lab File: VN064245.D

Acq: 22 Oct 2020 4:13

Instrument :

MSVOA_N

ClientSampleId :

OK-03-102020

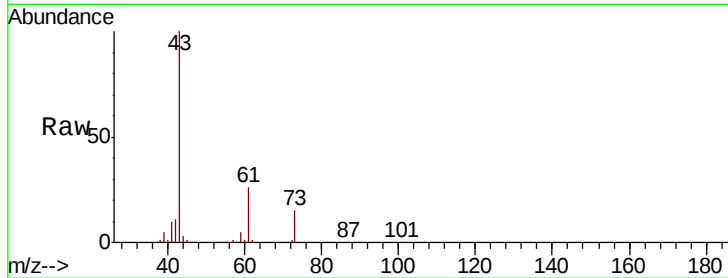
Tot Ion: 88 Resp: 105

Ion Ratio Lower Upper

88 100

43 1129910.5 34.6 52.0#

58 3981.0 59.0 88.6#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800000

600000

400000

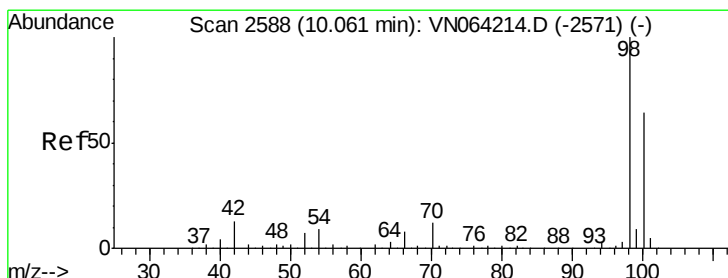
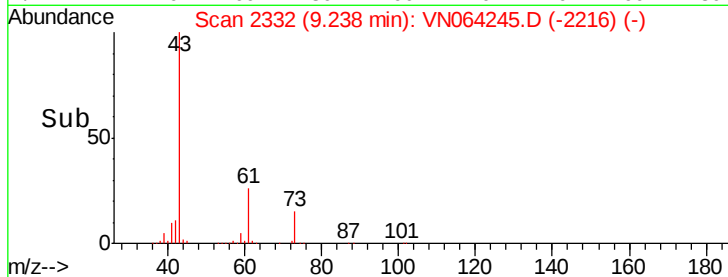
200000

0

9.22 9.23 9.24 9.25

9.24

Time-->



#50

Toluene-d8

Concen: 52.811 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064245.D

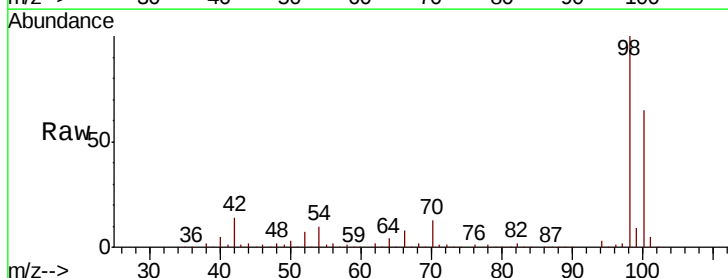
Acq: 22 Oct 2020 4:13

Tgt Ion: 98 Resp: 579854

Ion Ratio Lower Upper

98 100

100 64.0 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

300000

200000

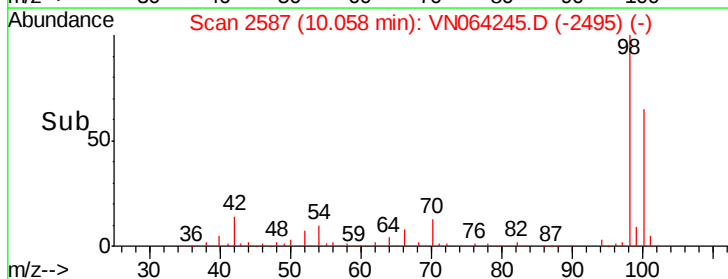
100000

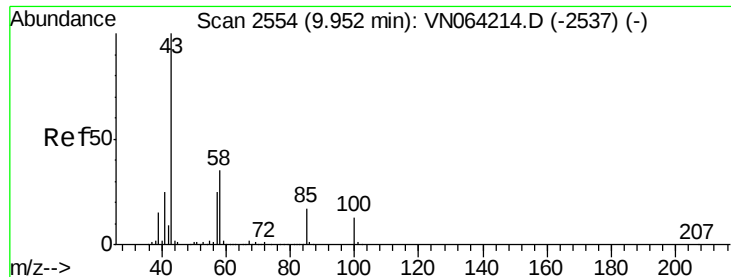
0

10.00 10.05 10.10 10.20

10.06

Time-->

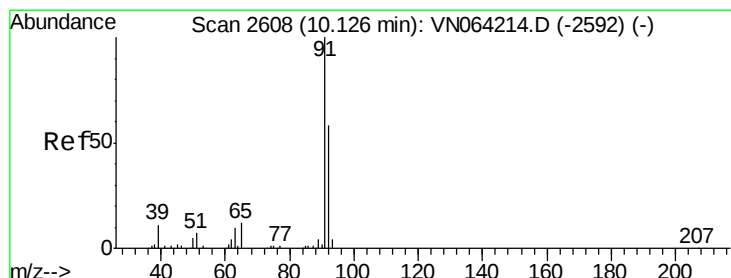
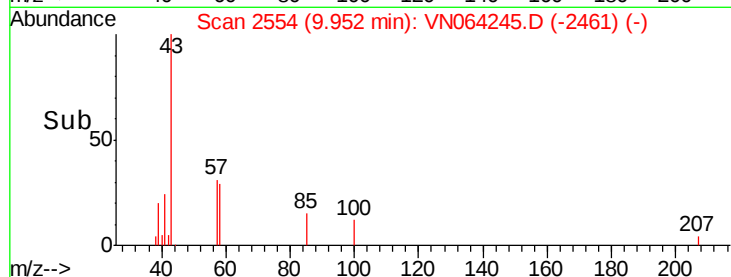
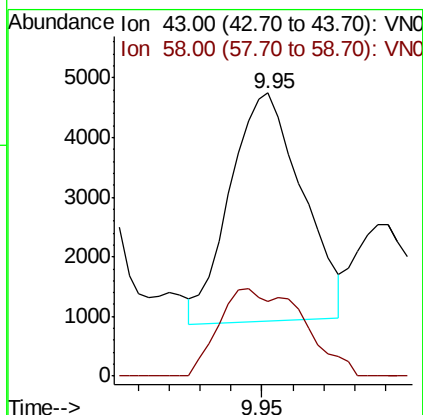
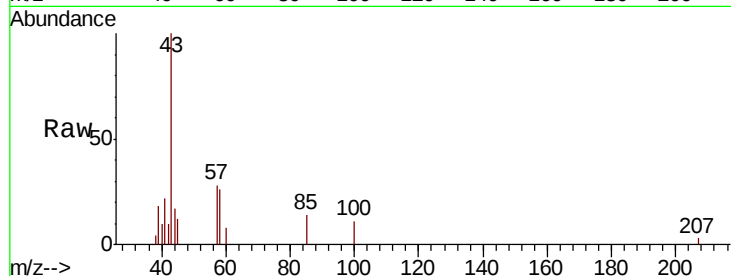




#51
 4-Methyl-2-Pentanone
 Concen: 1.513 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN064245.D
 Acq: 22 Oct 2020 4:13

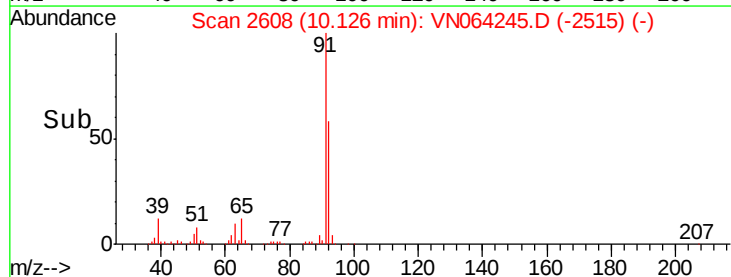
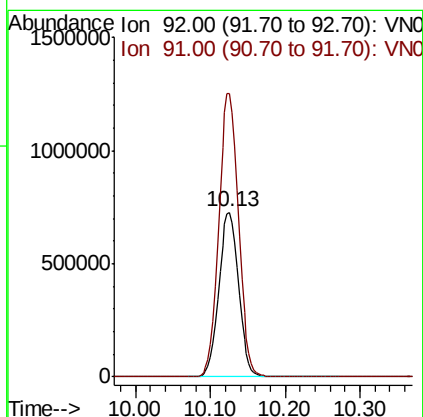
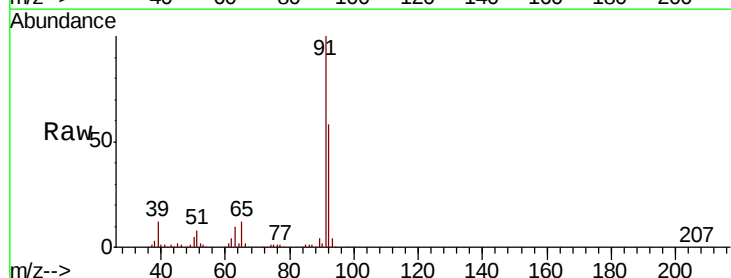
Instrument :
 MSVOA_N
 ClientSampleID :
 OK-03-102020

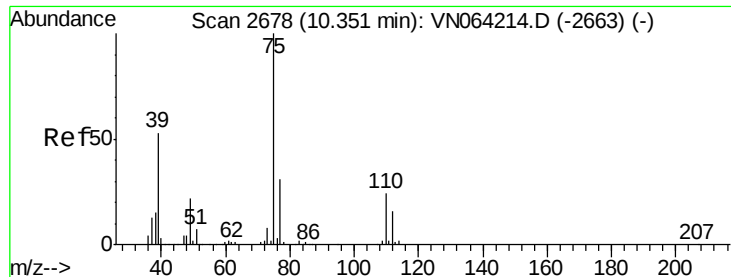
Tot Ion: 43 Resp: 6211
 Ion Ratio Lower Upper
 43 100
 58 44.8 28.6 42.8#



#52
 Toluene
 Concen: 165.718 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN064245.D
 Acq: 22 Oct 2020 4:13

Tgt Ion: 92 Resp: 1328520
 Ion Ratio Lower Upper
 92 100
 91 171.8 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 3.219 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.23 min

Lab File: VN064245.D

Acq: 22 Oct 2020 4:13

Instrument :

MSVOA_N

ClientSampleId :

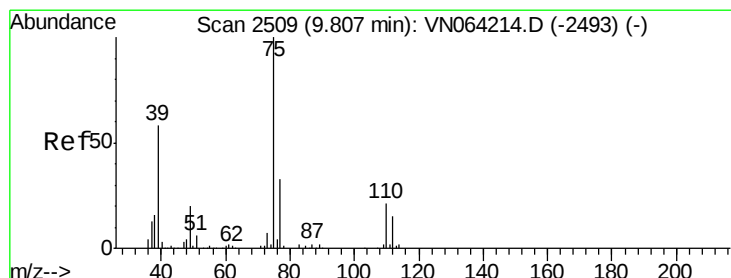
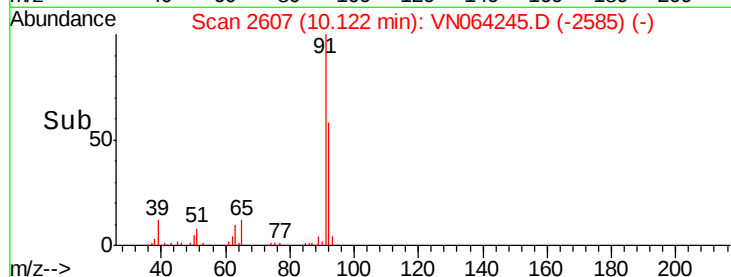
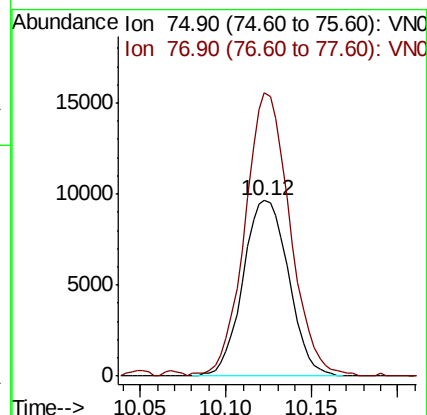
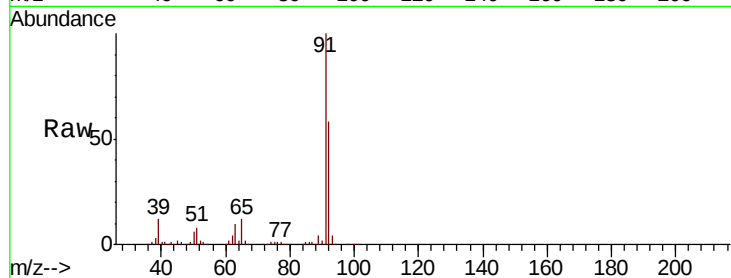
OK-03-102020

Tot Ion: 75 Resp: 17745

Ion Ratio Lower Upper

75 100

77 159.3 25.4 38.2#



#54

cis-1,3-Dichloropropene

Concen: 5.725 ug/l

RT: 9.87 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN064245.D

Acq: 22 Oct 2020 4:13

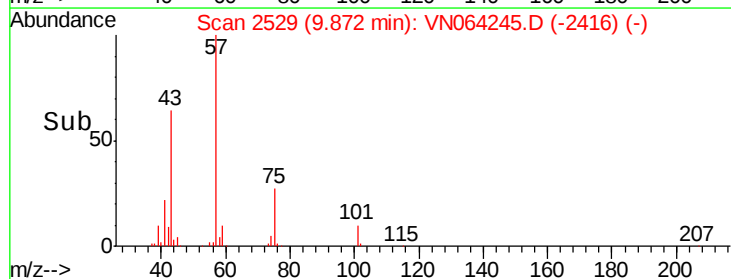
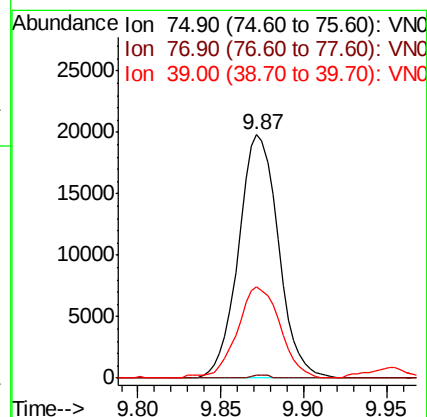
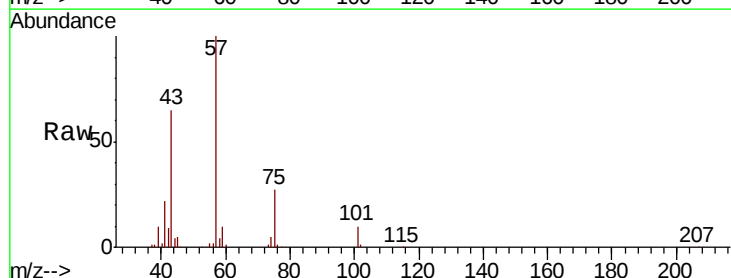
Tgt Ion: 75 Resp: 33225

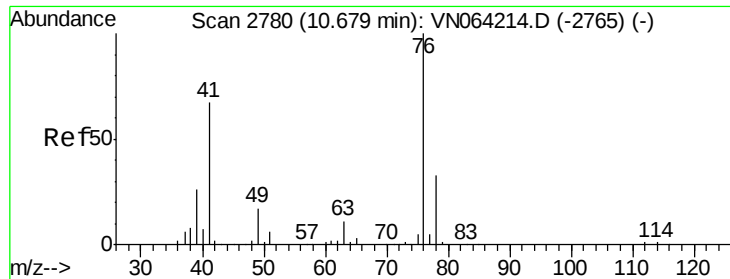
Ion Ratio Lower Upper

75 100

77 1.1 26.6 39.8#

39 37.3 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 0.984 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.06 min

Lab File: VN064245.D

Acq: 22 Oct 2020 4:13

Instrument :

MSVOA_N

ClientSampleId :

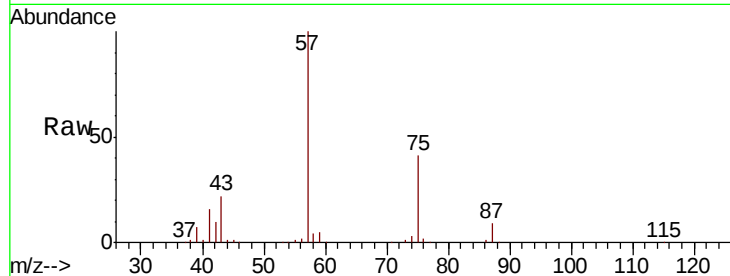
OK-03-102020

Tot Ion: 76 Resp: 5176

Ion Ratio Lower Upper

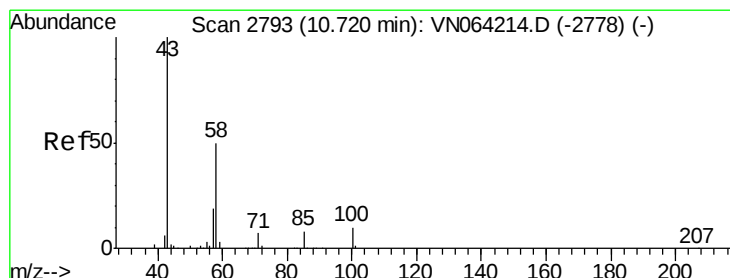
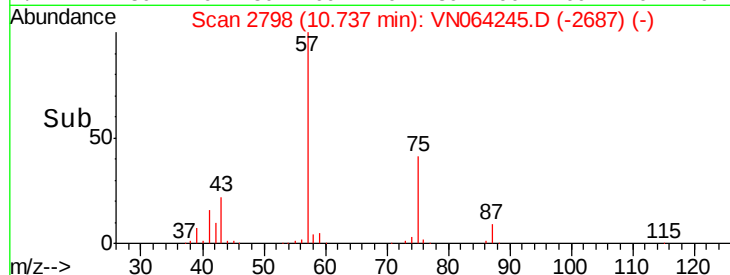
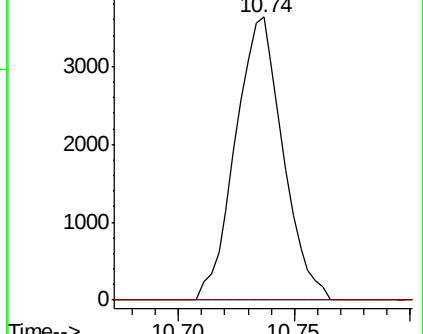
76 100

78 0.0 26.2 39.2#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 27.909 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.02 min

Lab File: VN064245.D

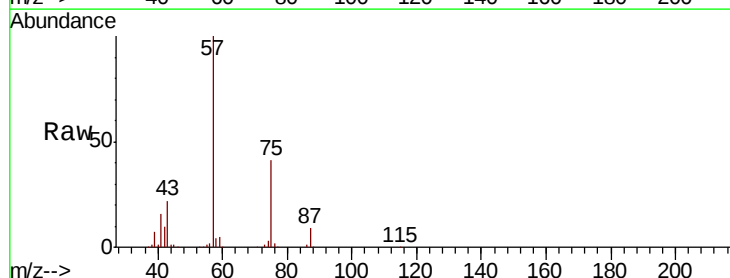
Acq: 22 Oct 2020 4:13

Tgt Ion: 43 Resp: 83660

Ion Ratio Lower Upper

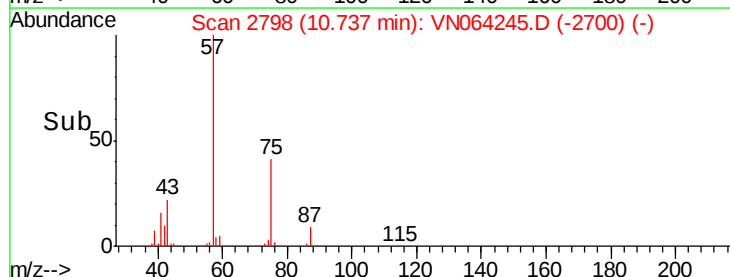
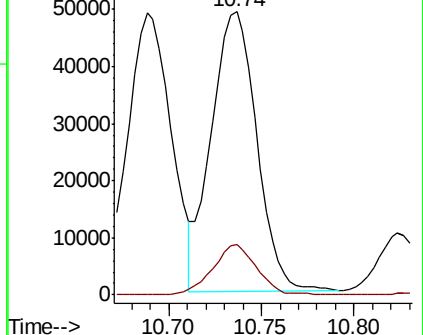
43 100

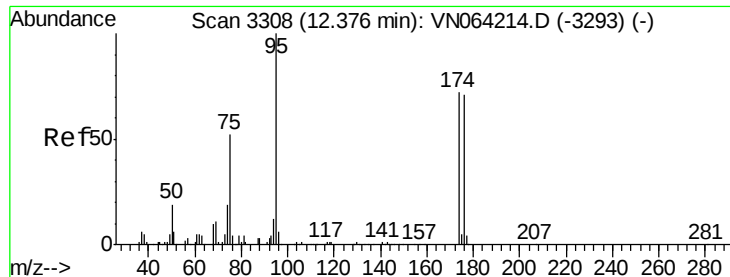
58 17.3 24.8 74.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 58.514 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064245.D

Acq: 22 Oct 2020 4:13

Instrument :

MSVOA_N

ClientSampleId :

OK-03-102020

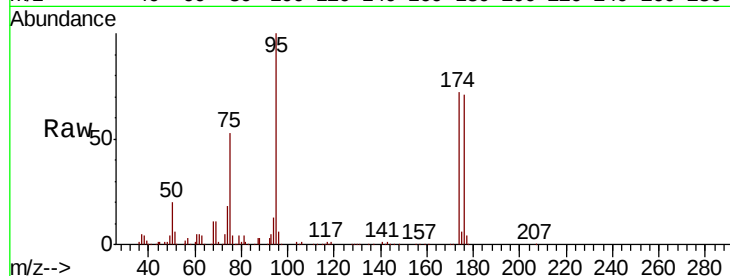
Tot Ion: 95 Resp: 260453

Ion Ratio Lower Upper

95 100

174 71.5 0.0 144.4

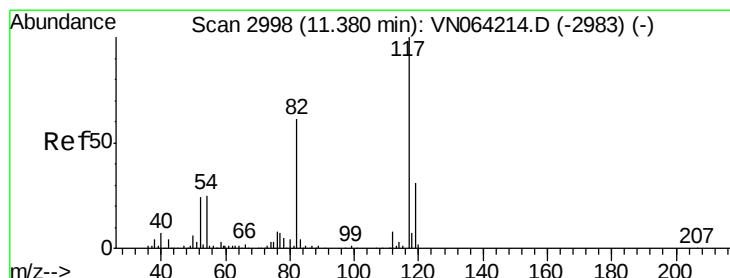
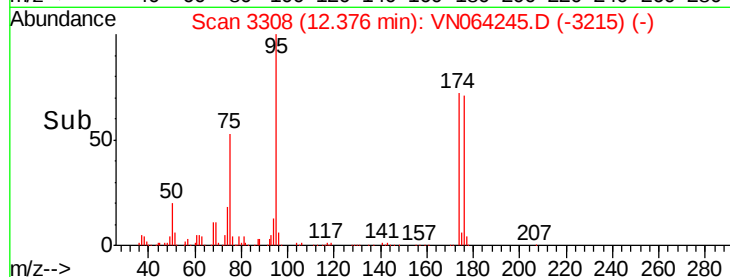
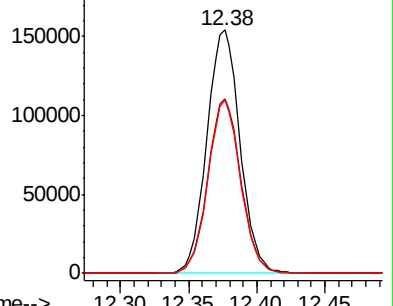
176 69.6 0.0 139.2



Abundance Ion 94.90 (94.60 to 95.60): VN064214.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064214.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064214.D (-3293) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064245.D

Acq: 22 Oct 2020 4:13

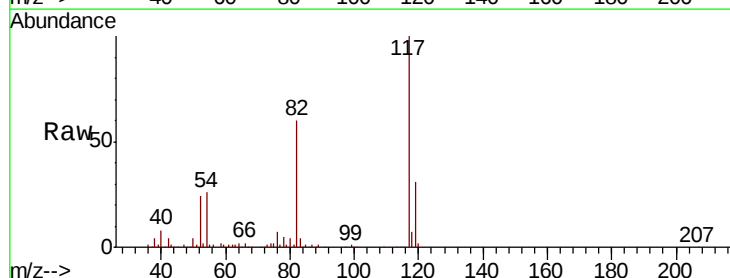
Tgt Ion: 117 Resp: 466581

Ion Ratio Lower Upper

117 100

82 60.2 48.8 73.2

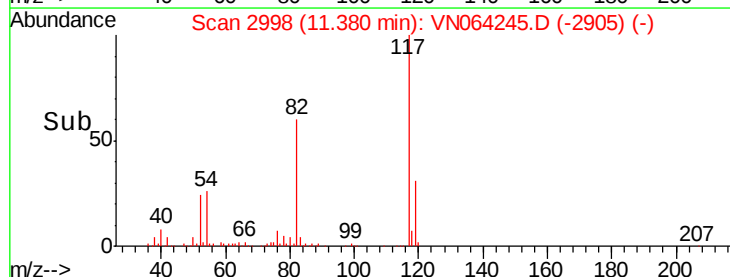
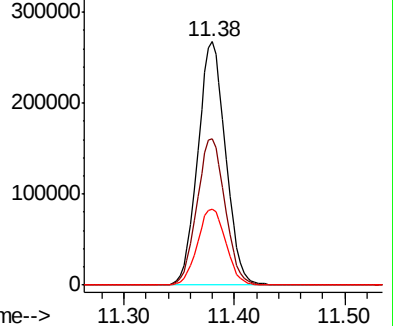
119 31.2 24.7 37.1

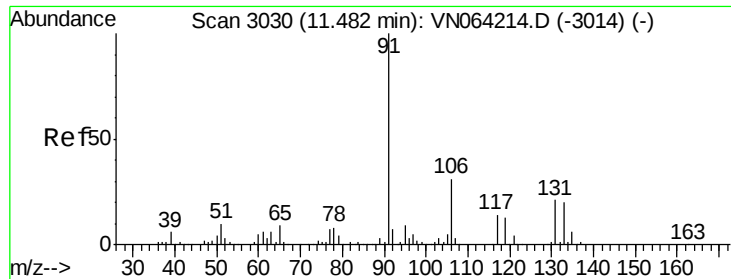


Abundance Ion 116.90 (116.60 to 117.60): VN064214.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN064214.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN064214.D (-2983) (-)

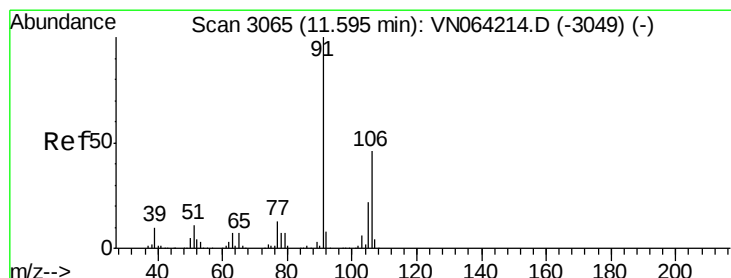
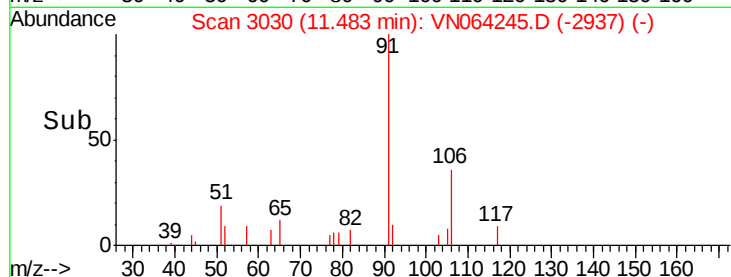
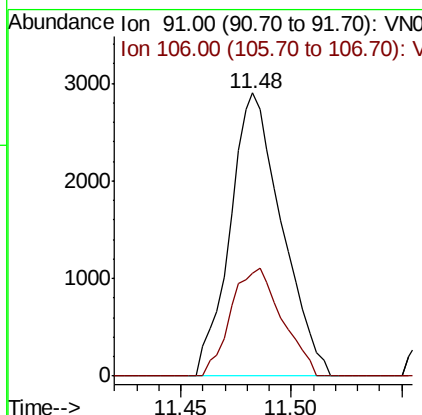
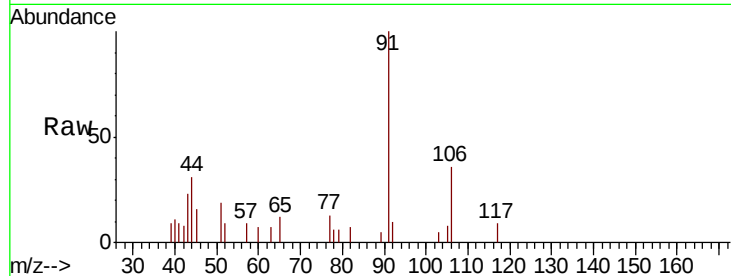




#67
Ethyl Benzene
Concen: 0.265 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064245.D
Acq: 22 Oct 2020 4:13

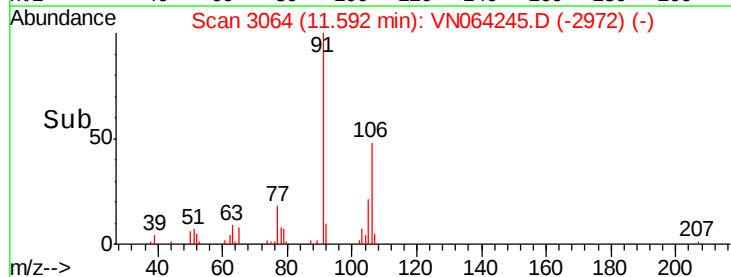
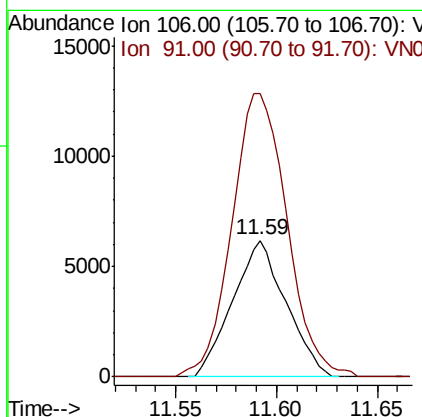
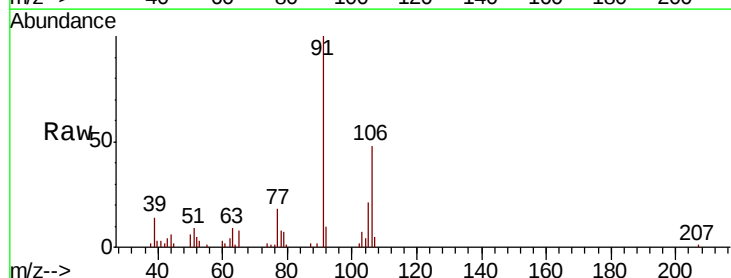
Instrument :
MSVOA_N
ClientSampled :
OK-03-102020

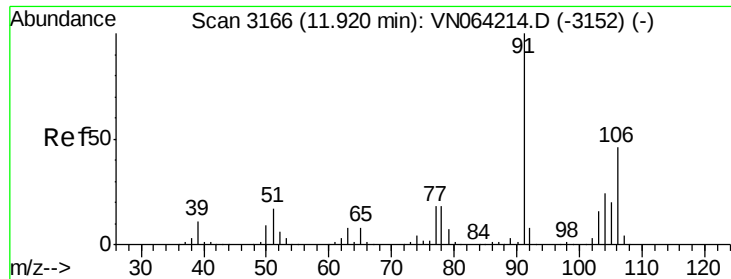
Tot Ion: 91 Resp: 4711
Ion Ratio Lower Upper
91 100
106 36.2 24.8 37.2



#68
m/p-Xylenes
Concen: 1.728 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064245.D
Acq: 22 Oct 2020 4:13

Tgt Ion: 106 Resp: 11363
Ion Ratio Lower Upper
106 100
91 215.9 172.2 258.2

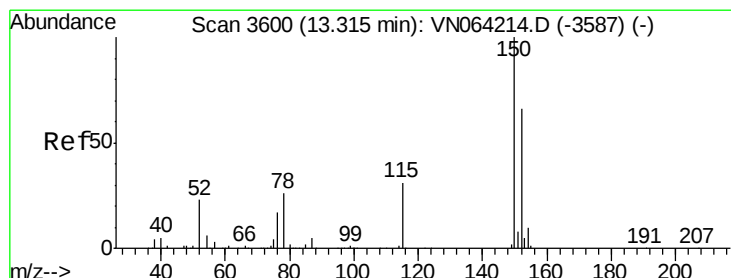
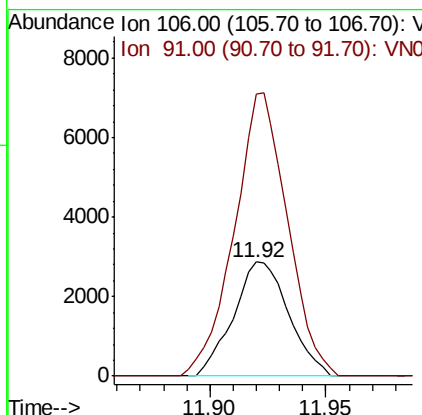
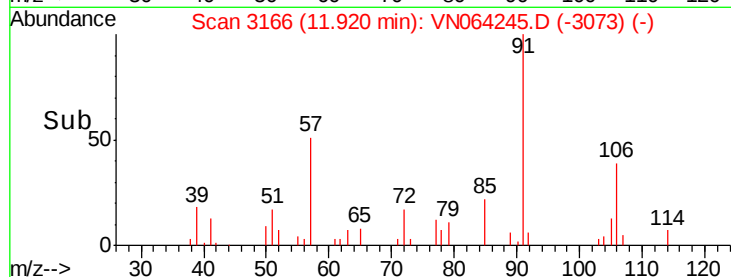
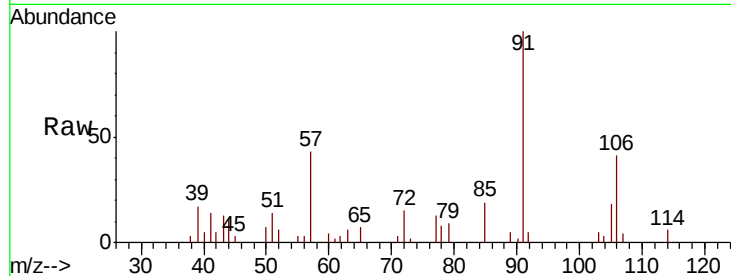




#69
o-Xylene
Concen: 0.747 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064245.D
Acq: 22 Oct 2020 4:13

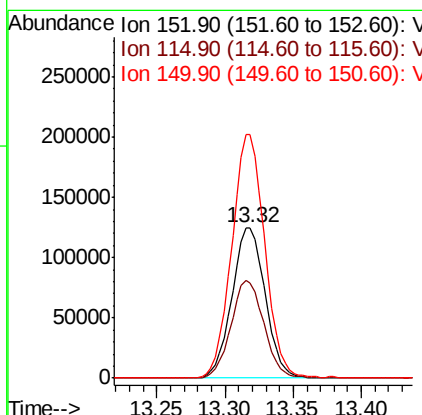
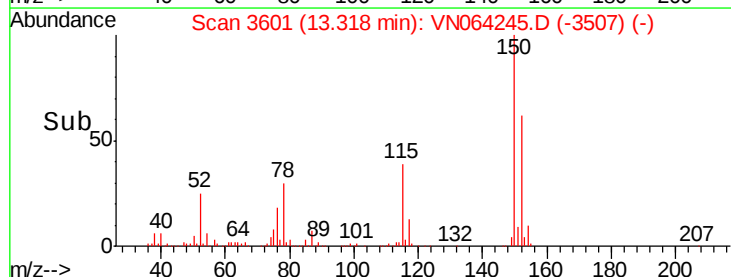
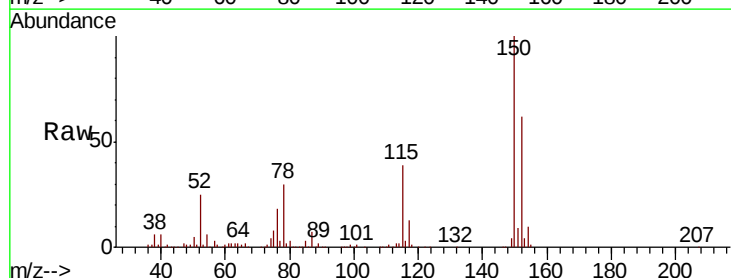
Instrument :
MSVOA_N
ClientSampleId :
OK-03-102020

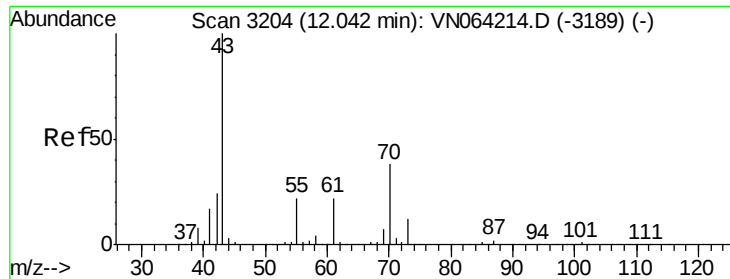
Tot Ion:106 Resp: 4749
Ion Ratio Lower Upper
106 100
91 238.6 109.9 329.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064245.D
Acq: 22 Oct 2020 4:13

Tgt Ion:152 Resp: 211643
Ion Ratio Lower Upper
152 100
115 64.0 32.0 96.2
150 159.9 0.0 356.6





#74

N-amvl acetate

Concen: 0.776 ug/l

RT: 12.01 min Scan# 3193

Delta R.T. -0.04 min

Lab File: VN064245.D

Acq: 22 Oct 2020 4:13

Instrument :

MSVOA_N

ClientSampleId :

OK-03-102020

Tot Ion: 43 Resp: 5413

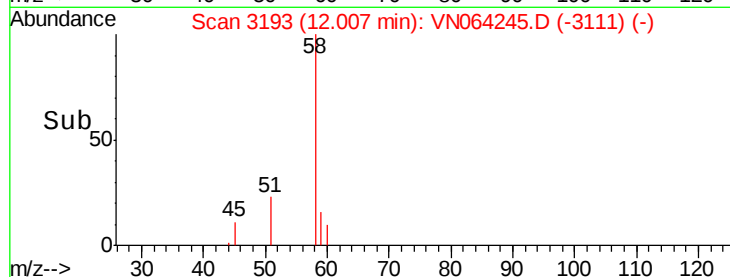
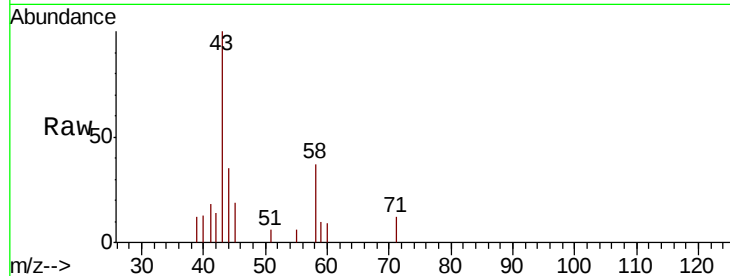
Ion Ratio Lower Upper

43 100

70 0.0 30.2 45.4#

55 3.3 18.0 27.0#

61 0.0 17.4 26.2#

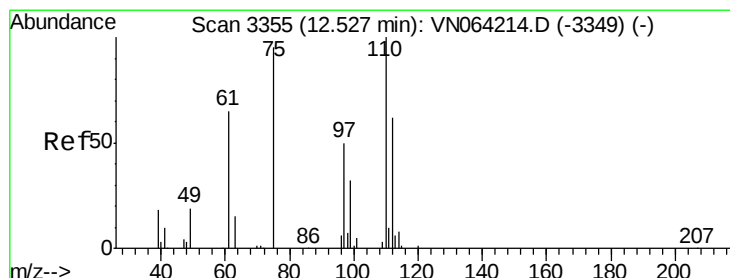
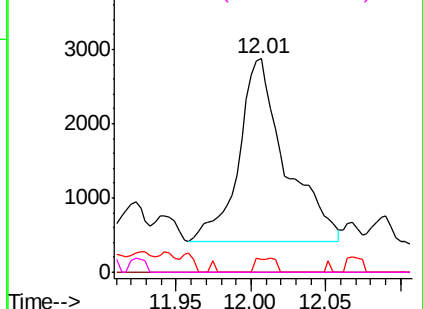


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 30.684 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064245.D

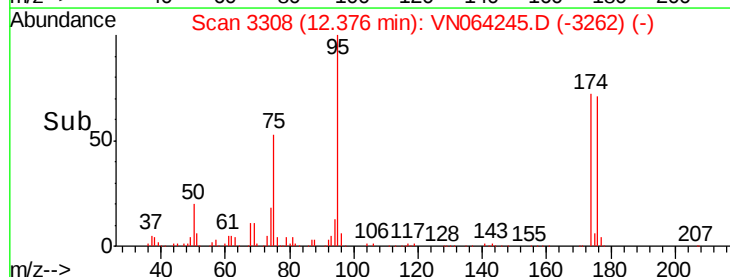
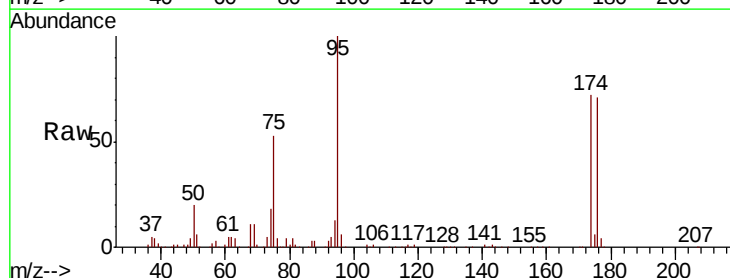
Acq: 22 Oct 2020 4:13

Tgt Ion: 75 Resp: 136904

Ion Ratio Lower Upper

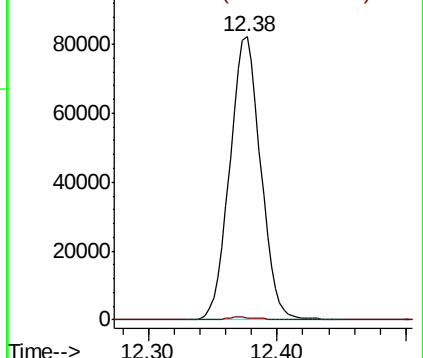
75 100

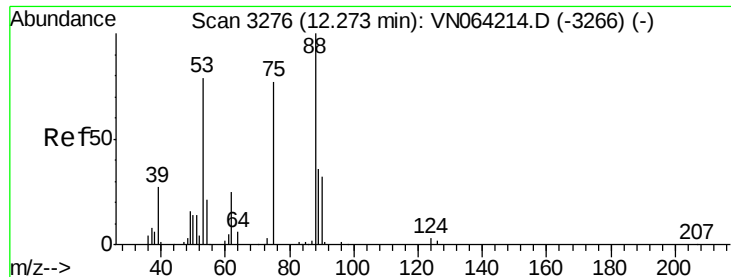
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 77.468 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064245.D

Acq: 22 Oct 2020 4:13

Instrument :

MSVOA_N

ClientSampleId :

OK-03-102020

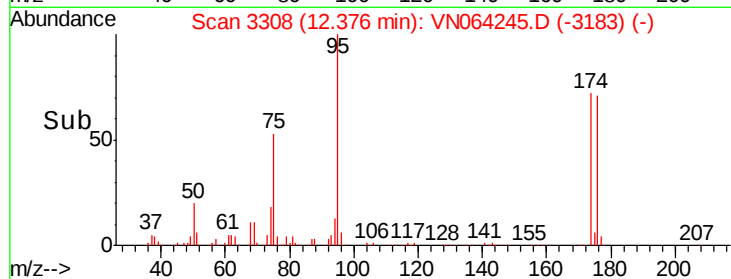
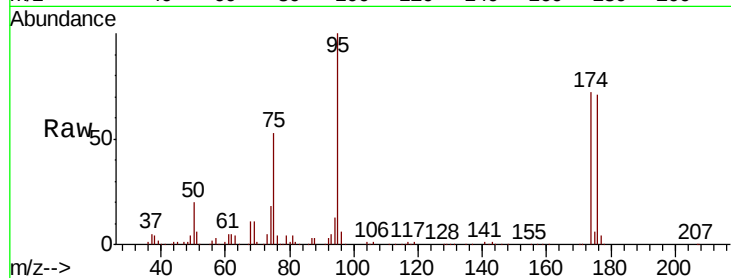
Tot Ion: 75 Resp: 136904

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.4#

89 0.0 38.7 58.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

