

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102320\
 Data File : VN064289.D
 Acq On : 23 Oct 2020 16:31
 Operator : JC/MD
 Sample : L4221-10MEDL 10X
 Misc : 7.43g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-102020MEDL

Quant Time: Oct 23 16:50:09 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	7.62	168	249865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	431281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192988	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	193866	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
35) Dibromofluoromethane	7.55	113	143633	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
50) Toluene-d8	10.06	98	543994	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.37	95	236930	56.11	ug/l	0.00
Spiked Amount			Recovery	=	112.22%	

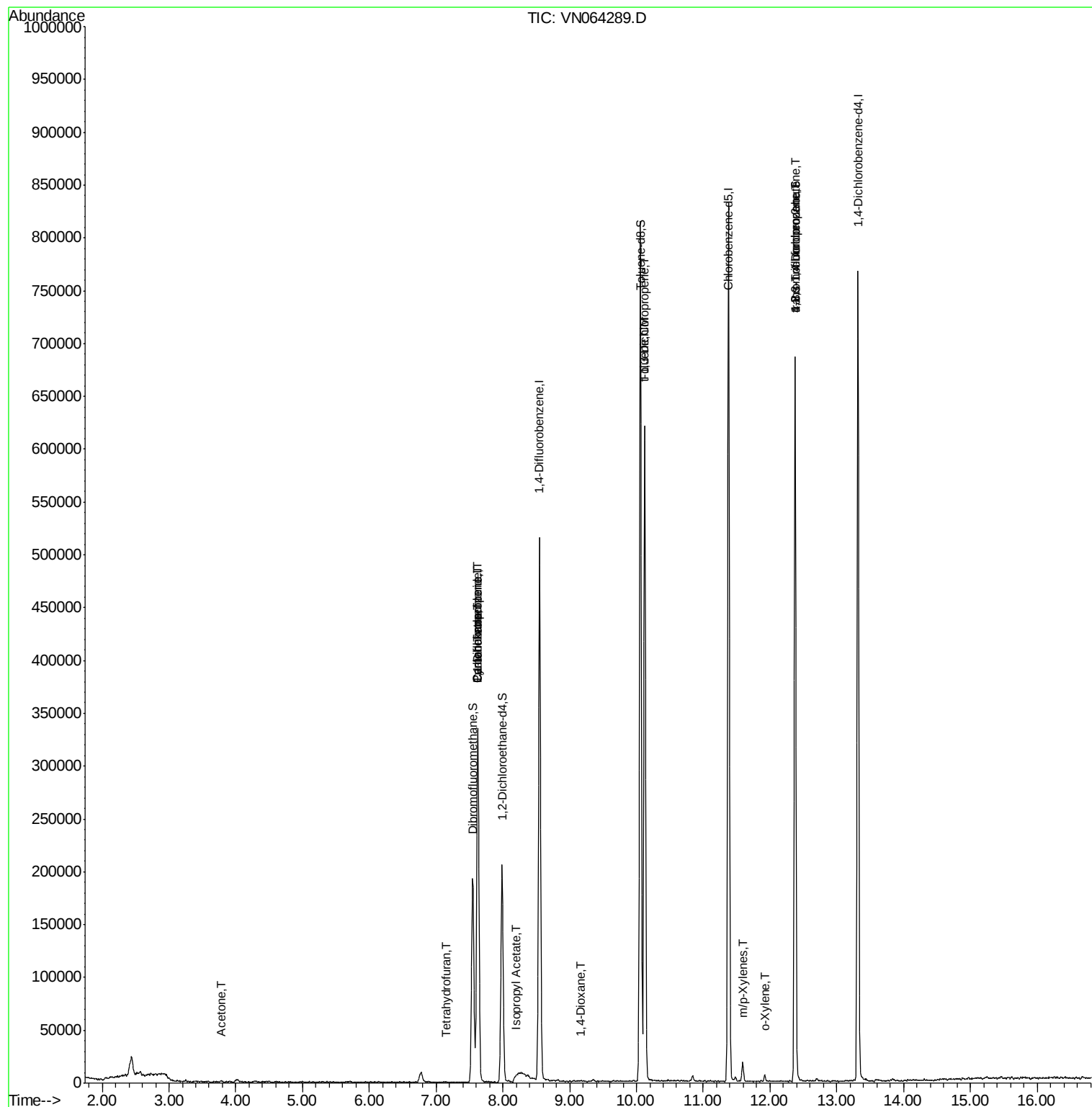
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	353	0.332	ug/l #	49
29) Tetrahydrofuran	7.16	42	210	0.208	ug/l #	38
31) Cyclohexane	7.62	56	6744	1.533	ug/l #	50
36) 1,1-Dichloropropene	7.62	75	20958	4.867	ug/l #	52
38) Carbon Tetrachloride	7.62	117	27055	5.523	ug/l #	14
43) Isopropyl Acetate	8.21	43	6830	0.937	ug/l #	57
49) 1,4-Dioxane	9.16	88	126	2.829	ug/l #	1
52) Toluene	10.12	92	258827	34.033	ug/l	98
53) t-1,3-Dichloropropene	10.13	75	3688	0.705	ug/l #	1
68) m/p-Xylenes	11.59	106	5536	0.911	ug/l	93
69) o-Xylene	11.92	106	1710	0.291	ug/l	90
76) 1,2,3-Trichloropropane	12.37	75	130510	32.078	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	130510	80.988	ug/l #	9

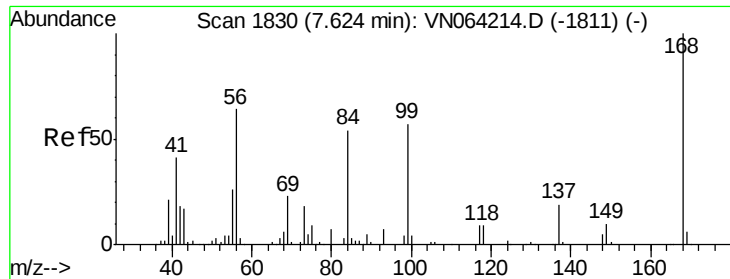
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102320\
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Quant Time: Oct 23 16:50:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
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: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064289.D

Acq: 23 Oct 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

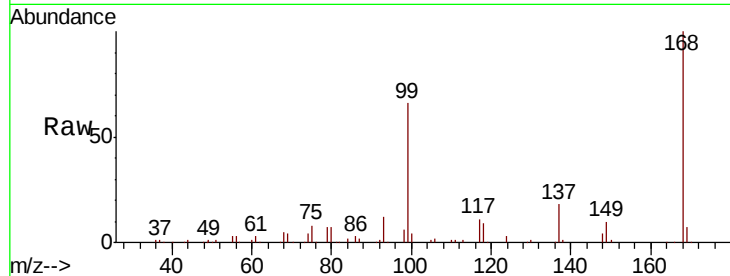
OK-03-102020MEDL

Tot Ion:168 Resp: 249865

Ion Ratio Lower Upper

168 100

99 66.0 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

120000

100000

80000

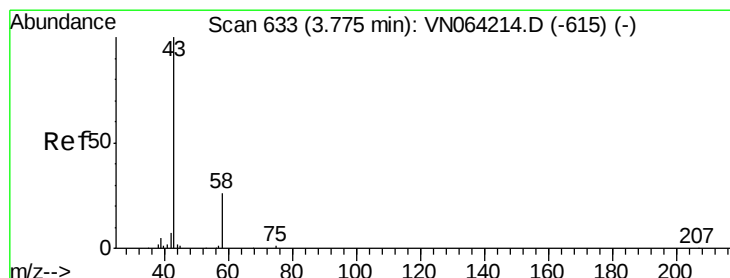
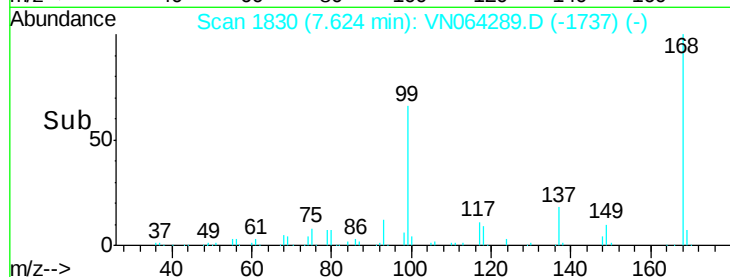
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 0.332 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064289.D

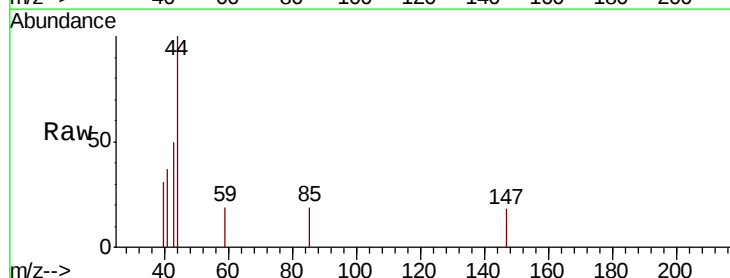
Acq: 23 Oct 2020 16:31

Tgt Ion: 43 Resp: 353

Ion Ratio Lower Upper

43 100

58 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

500

400

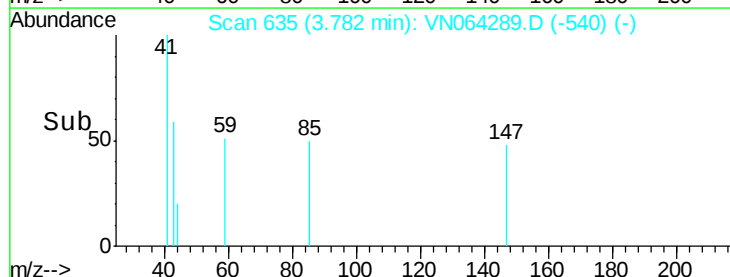
300

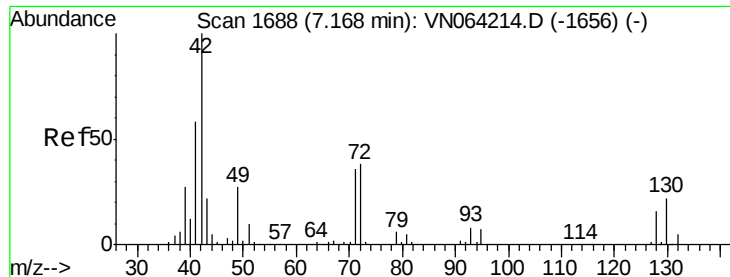
200

100

0

Time-->





#29

Tetrahydrofuran

Concen: 0.208 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.01 min

Lab File: VN064289.D

Acq: 23 Oct 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

OK-03-102020MEDL

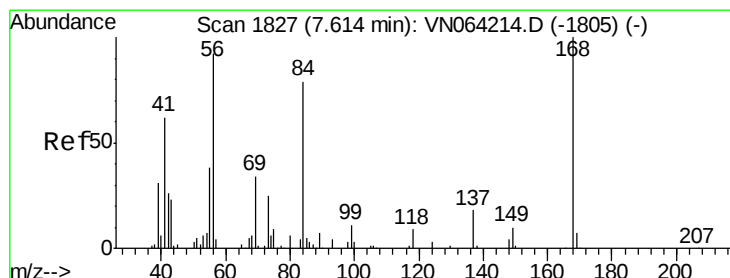
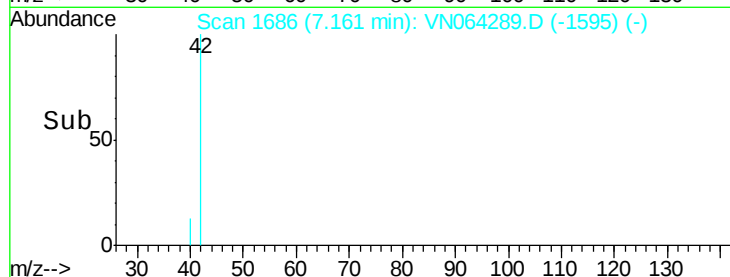
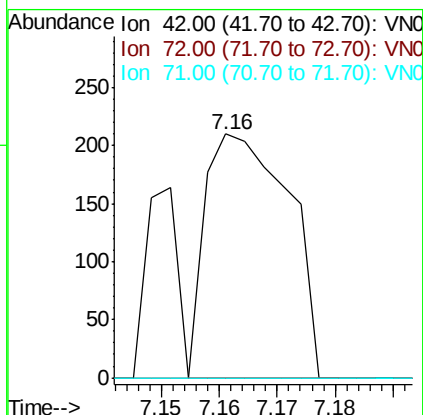
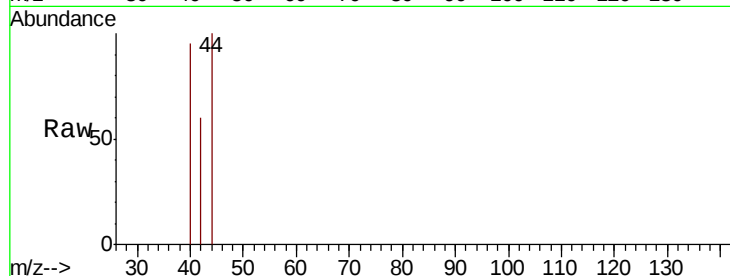
Tot Ion: 42 Resp: 210

Ion Ratio Lower Upper

42 100

72 0.0 30.8 46.2#

71 0.0 29.0 43.6#



#31

Cyclohexane

Concen: 1.533 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN064289.D

Acq: 23 Oct 2020 16:31

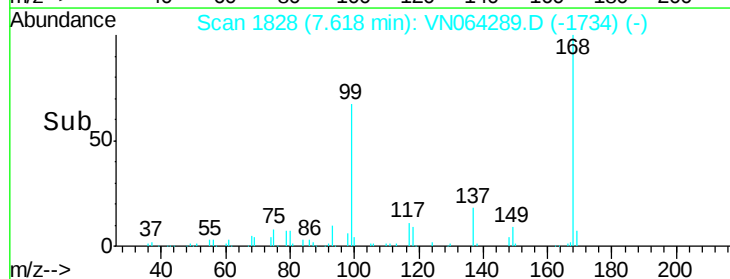
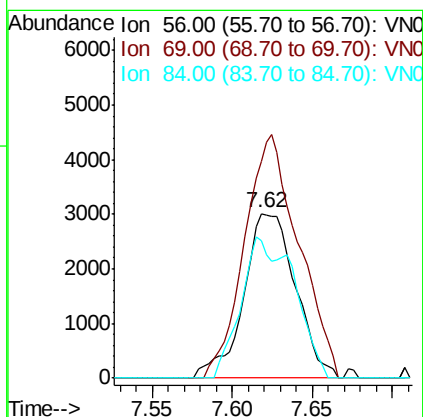
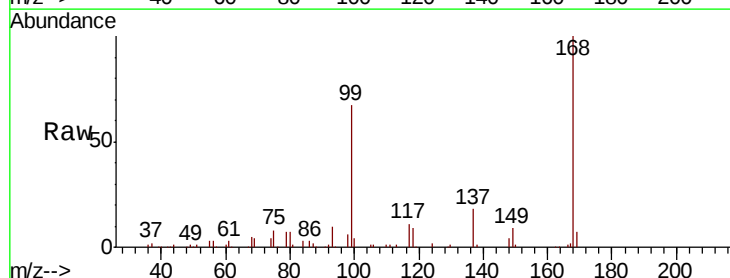
Tgt Ion: 56 Resp: 6744

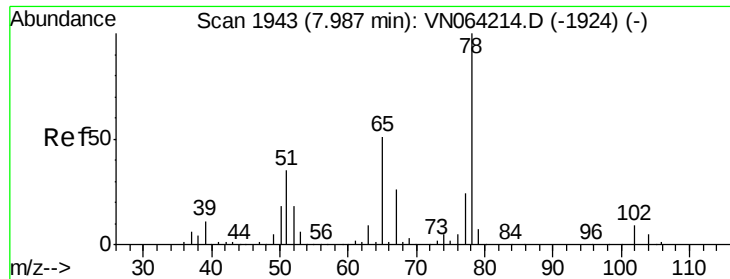
Ion Ratio Lower Upper

56 100

69 131.9 29.8 44.6#

84 83.1 68.1 102.1

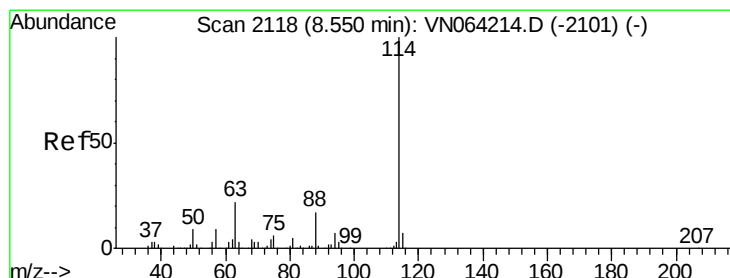
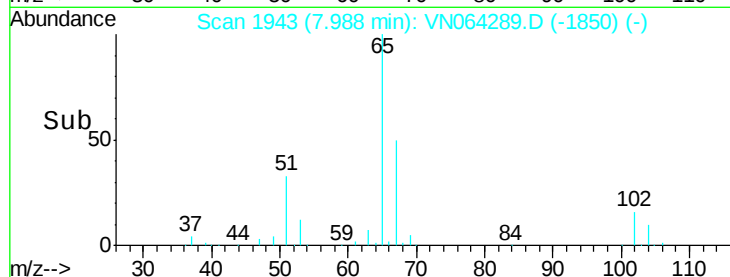
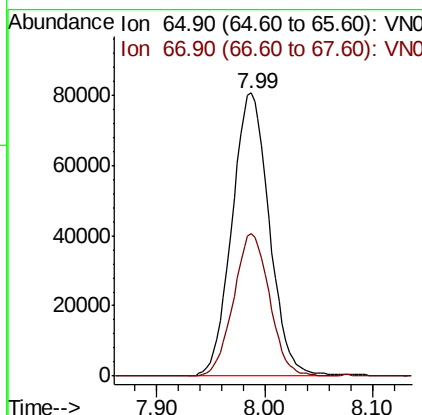
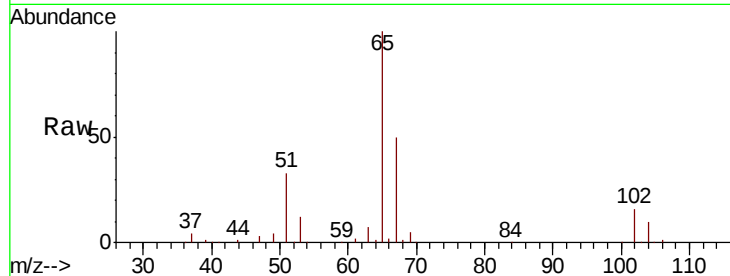




#33
 1,2-Dichloroethane-d4
 Concen: 52.246 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064289.D
 Acq: 23 Oct 2020 16:31

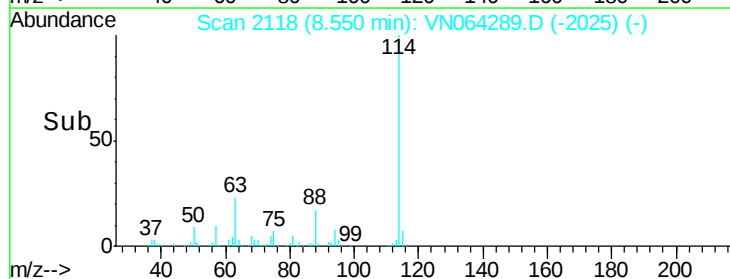
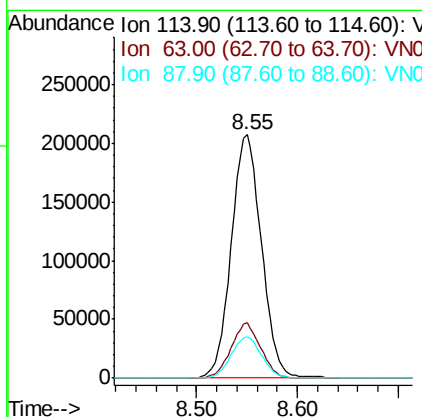
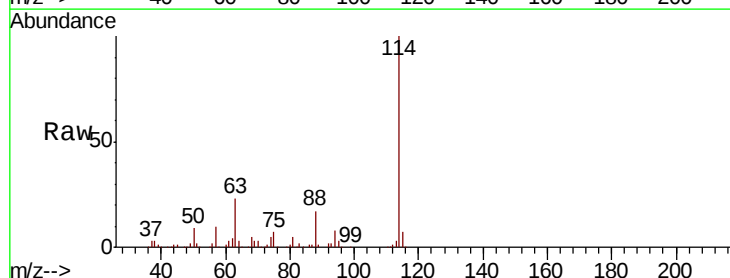
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-102020MEDL

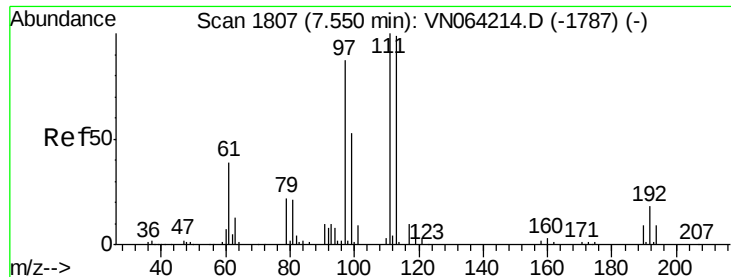
Tot Ion: 65 Resp: 193866
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064289.D
 Acq: 23 Oct 2020 16:31

Tgt Ion: 114 Resp: 431895
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.0
 88 17.0 0.0 34.2

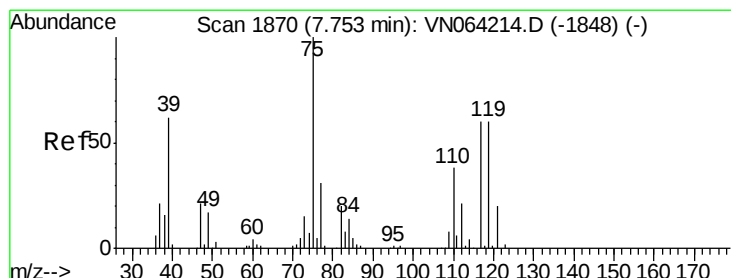
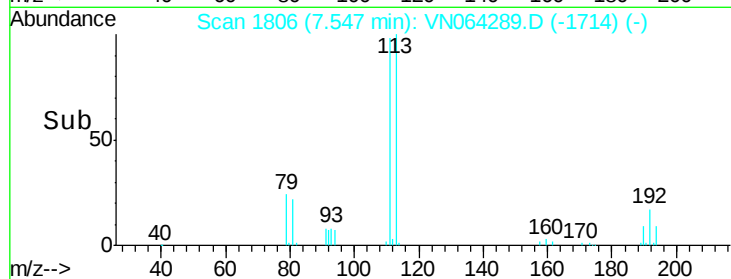
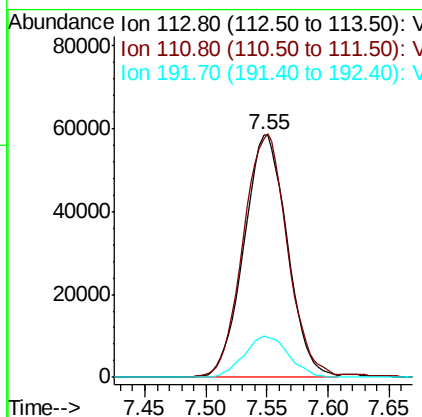
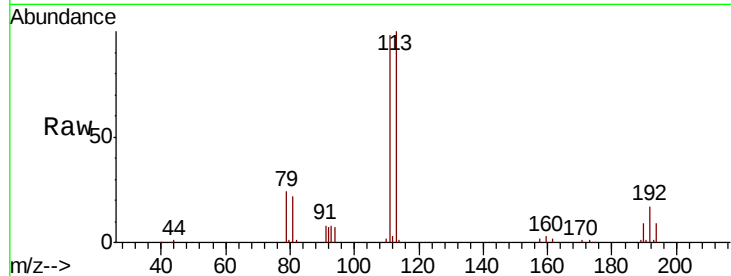




#35
 Dibromofluoromethane
 Concen: 50.021 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064289.D
 Acq: 23 Oct 2020 16:31

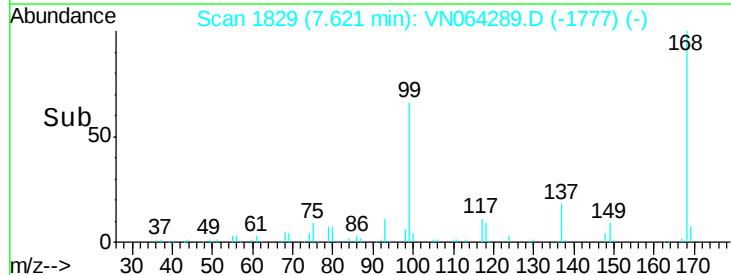
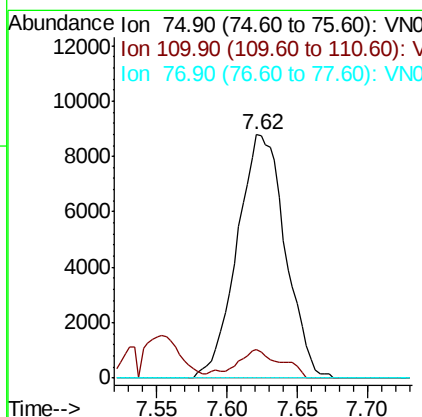
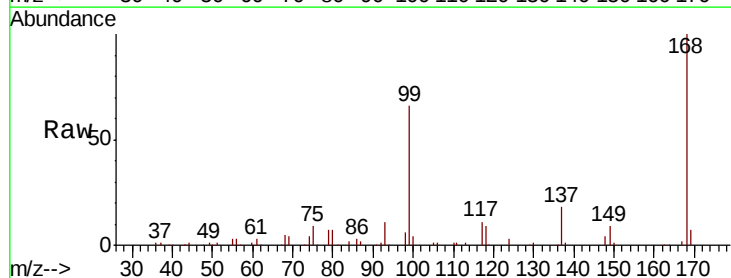
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-102020MEDL

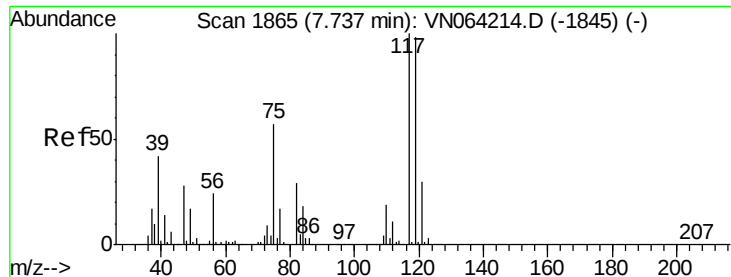
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	84.2	126.2
192	17.5	15.2	22.8



#36
 1,1-Dichloropropene
 Concen: 4.867 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN064289.D
 Acq: 23 Oct 2020 16:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.0	17.2	51.6#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.523 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064289.D

Acq: 23 Oct 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

OK-03-102020MEDL

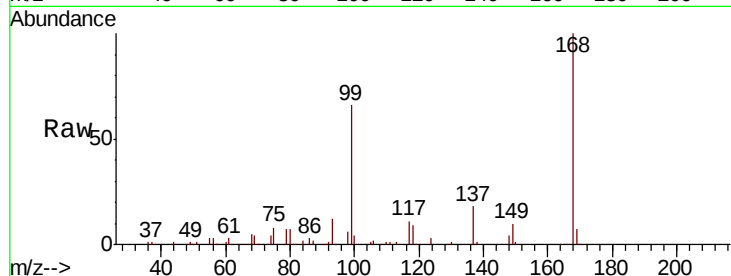
Tot Ion:117 Resp: 27055

Ion Ratio Lower Upper

117 100

119 3.9 78.5 117.7#

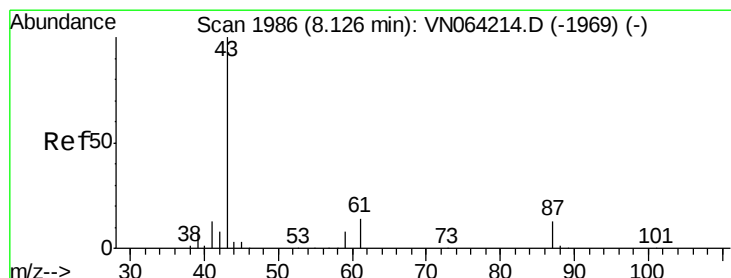
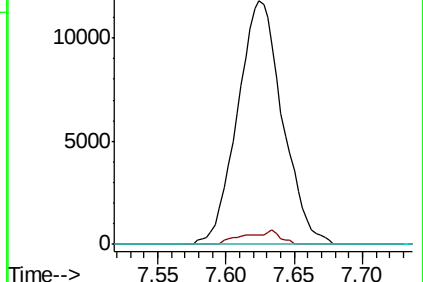
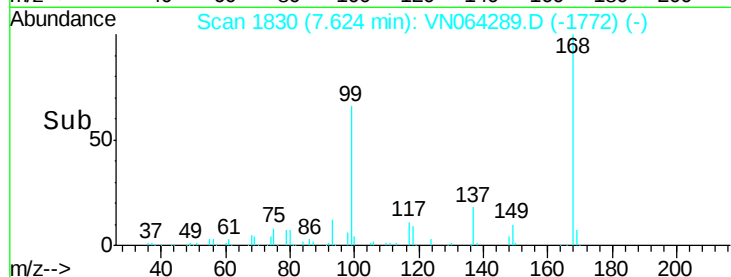
121 0.0 24.3 36.5#



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: 0.937 ug/l

RT: 8.21 min Scan# 2011

Delta R.T. 0.08 min

Lab File: VN064289.D

Acq: 23 Oct 2020 16:31

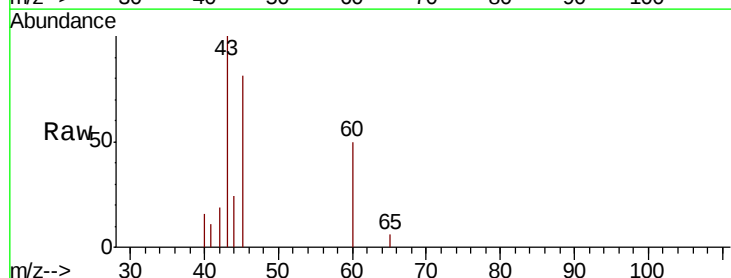
Tgt Ion: 43 Resp: 6830

Ion Ratio Lower Upper

43 100

61 0.0 19.6 29.4#

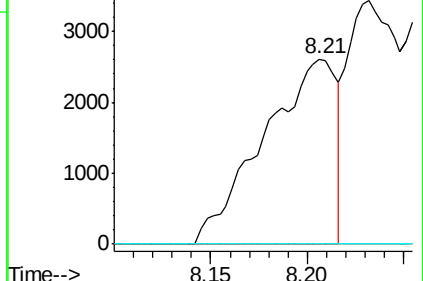
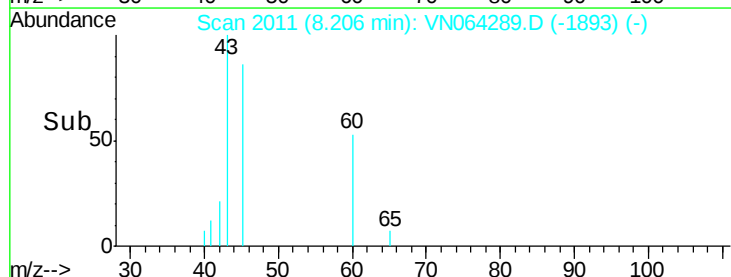
87 0.0 9.8 14.6#

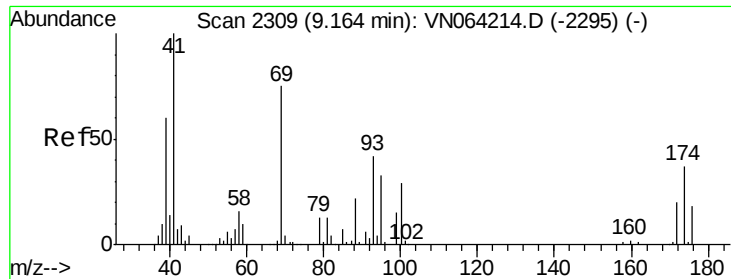


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#49

1,4-Dioxane

Concen: 2.829 ug/l

RT: 9.16 min Scan# 2307

Delta R.T. -0.01 min

Lab File: VN064289.D

Acq: 23 Oct 2020 16:31

Instrument :

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OK-03-102020MEDL

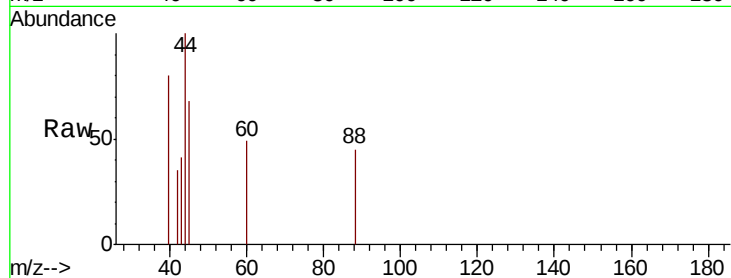
Tot Ion: 88 Resp: 126

Ion Ratio Lower Upper

88 100

43 156.3 34.6 52.0#

58 0.0 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

800

600

400

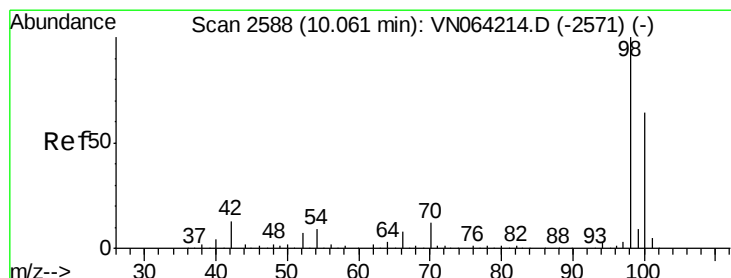
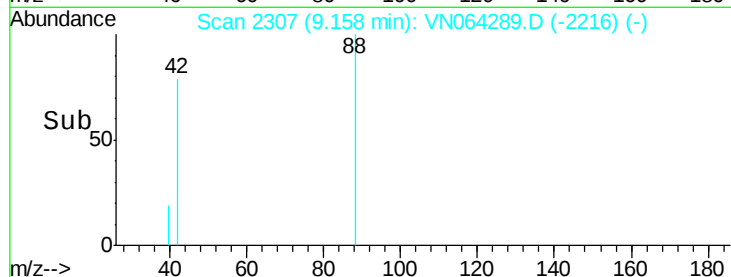
200

0

9.14 9.15 9.16 9.17 9.18

9.16

Time-->



#50

Toluene-d8

Concen: 52.226 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064289.D

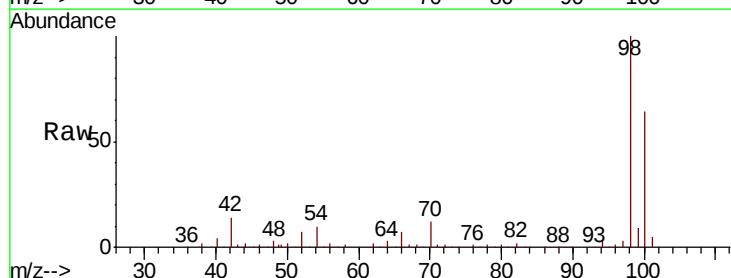
Acq: 23 Oct 2020 16:31

Tgt Ion: 98 Resp: 543994

Ion Ratio Lower Upper

98 100

100 64.3 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

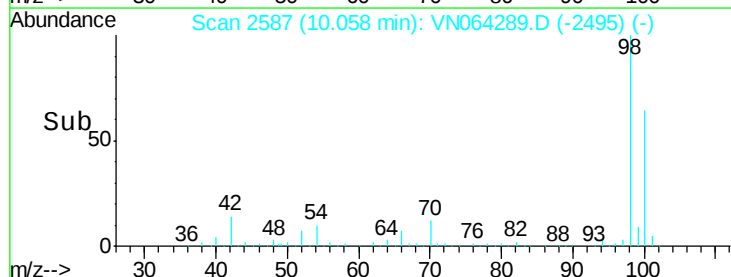
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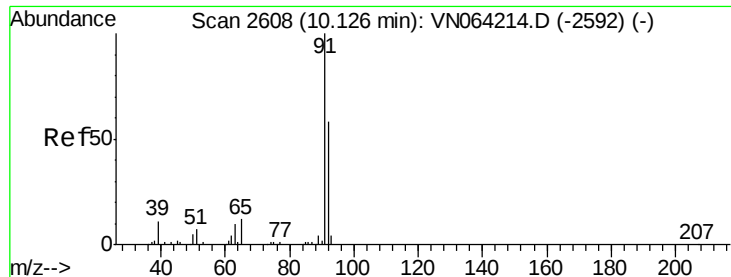
0

10.00 10.10

10.06

Time-->





#52

Toluene

Concen: 34.033 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064289.D

Acq: 23 Oct 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

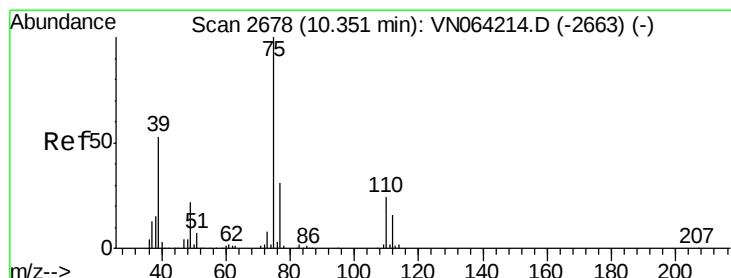
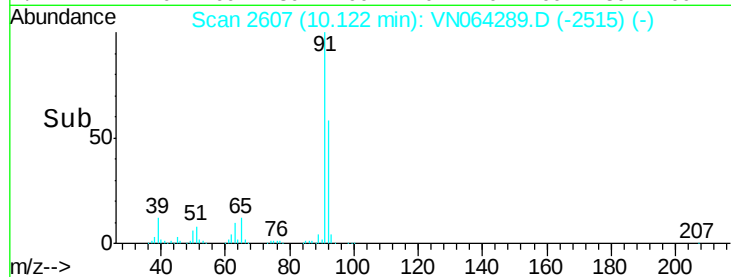
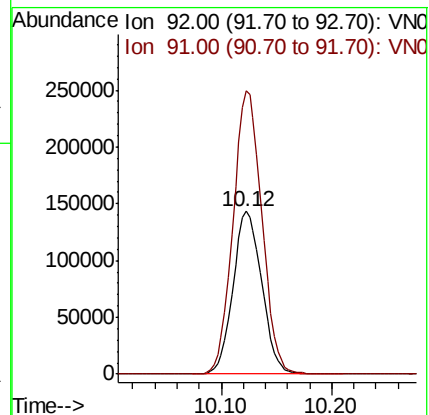
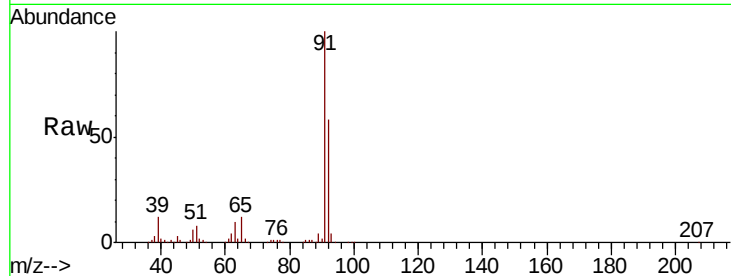
OK-03-102020MEDL

Tot Ion: 92 Resp: 258827

Ion Ratio Lower Upper

92 100

91 174.4 137.4 206.2



#53

t-1,3-Dichloropropene

Concen: 0.705 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.22 min

Lab File: VN064289.D

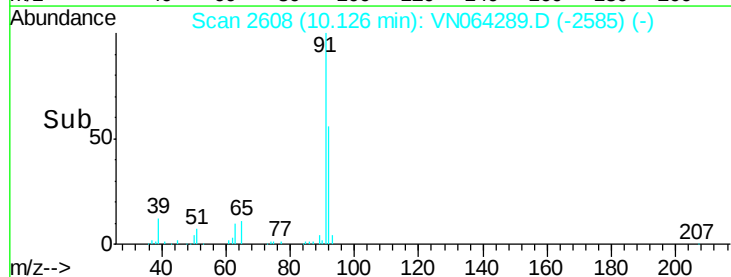
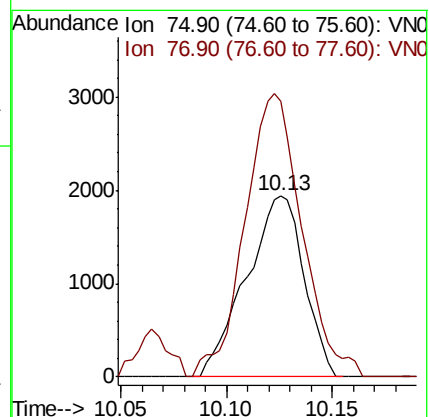
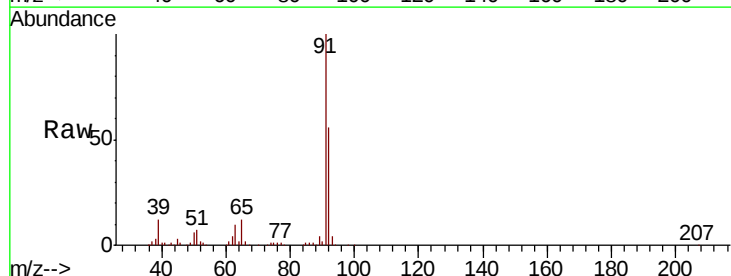
Acq: 23 Oct 2020 16:31

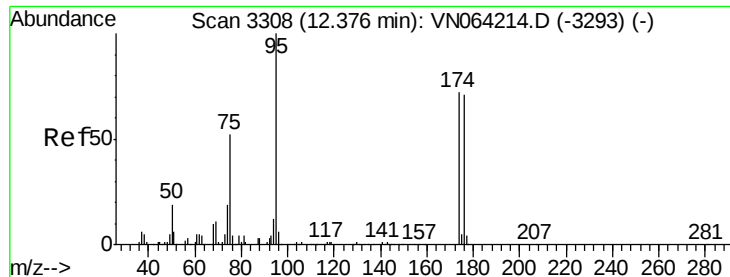
Tgt Ion: 75 Resp: 3688

Ion Ratio Lower Upper

75 100

77 152.3 25.4 38.2#

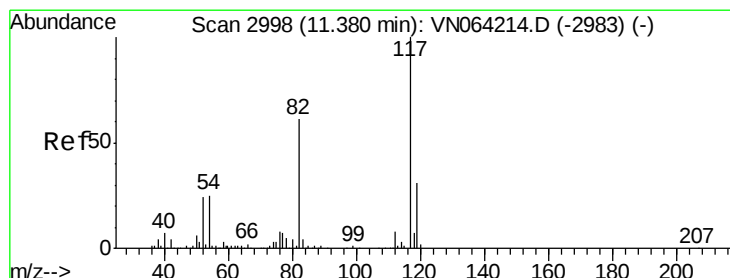
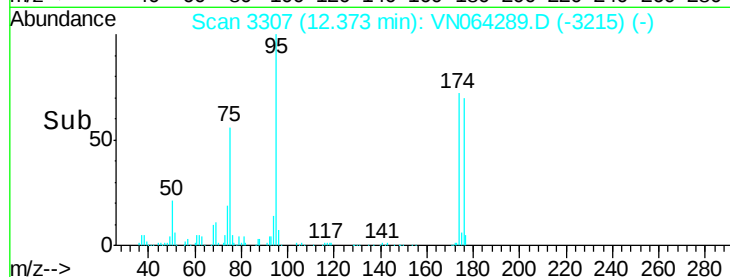
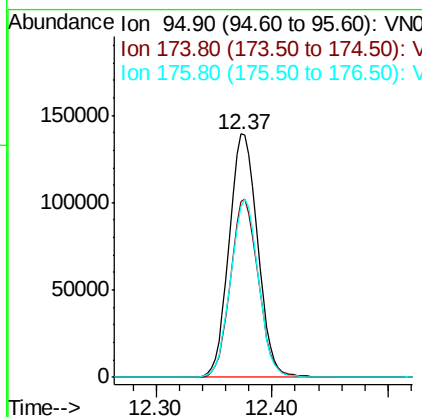
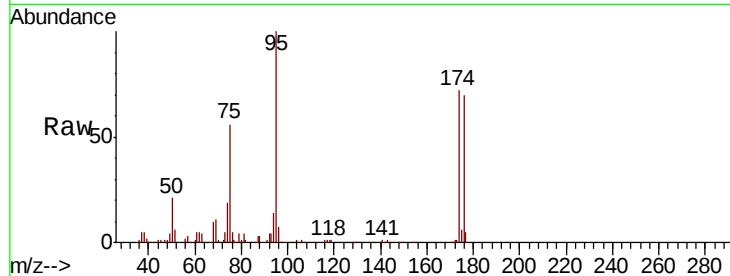




#62
4-Bromofluorobenzene
Concen: 56.110 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064289.D
Acq: 23 Oct 2020 16:31

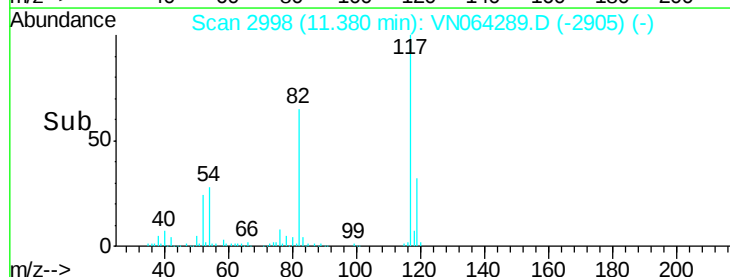
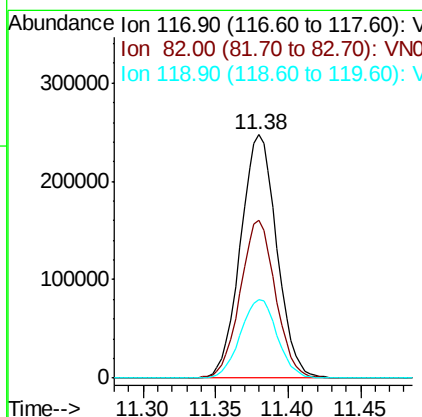
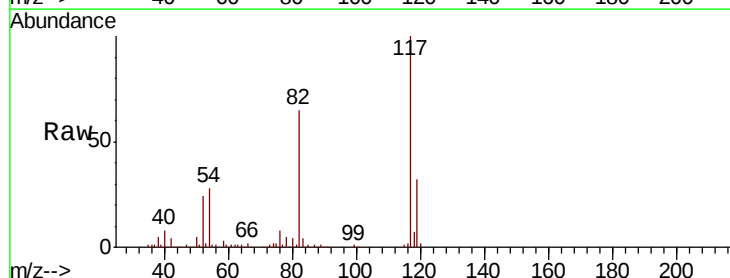
Instrument :
MSVOA_N
ClientSampleId :
OK-03-102020MEDL

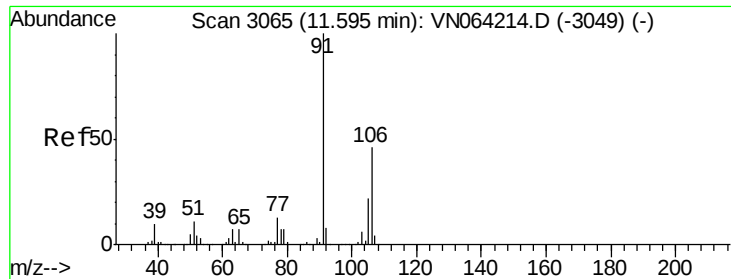
Tot Ion: 95 Resp: 236930
Ion Ratio Lower Upper
95 100
174 71.1 0.0 144.4
176 71.2 0.0 139.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064289.D
Acq: 23 Oct 2020 16:31

Tgt Ion: 117 Resp: 431281
Ion Ratio Lower Upper
117 100
82 64.7 48.8 73.2
119 32.3 24.7 37.1

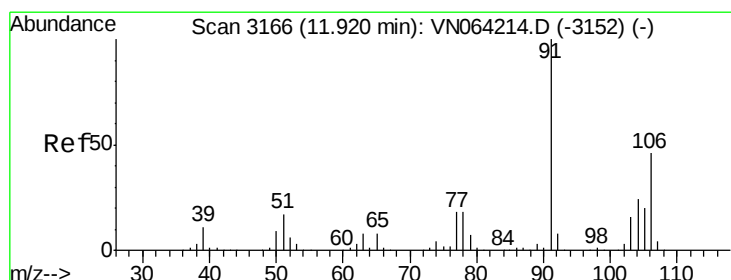
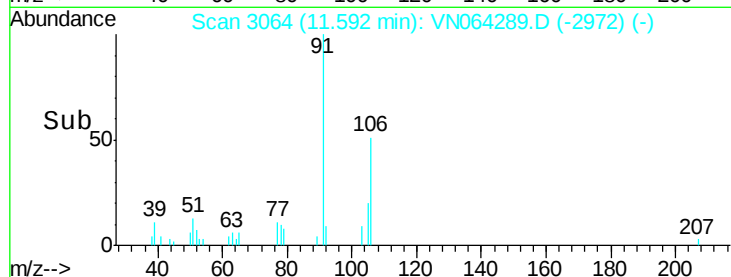
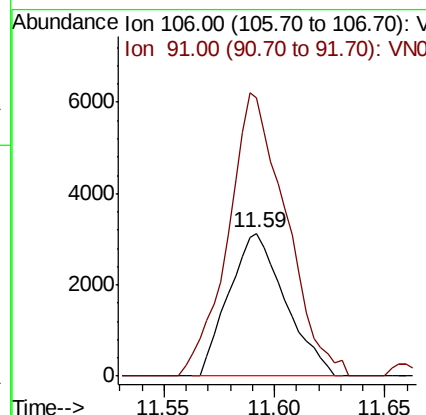
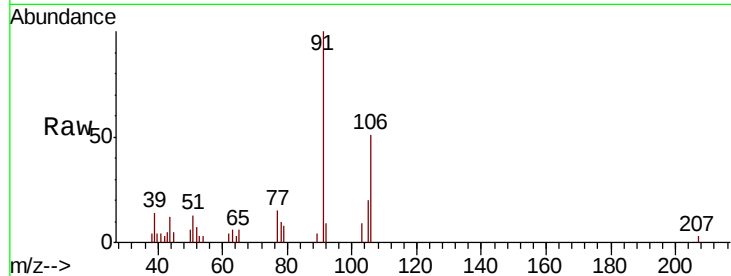




#68
m/p-Xylenes
Concen: 0.911 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064289.D
Acq: 23 Oct 2020 16:31

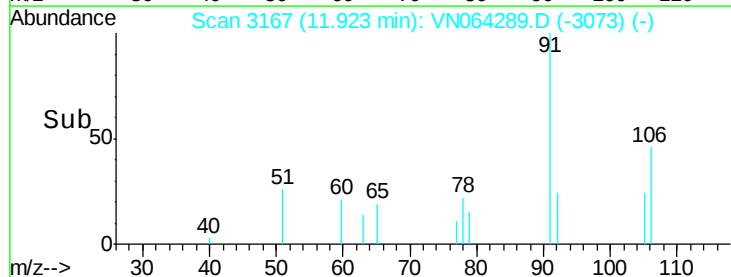
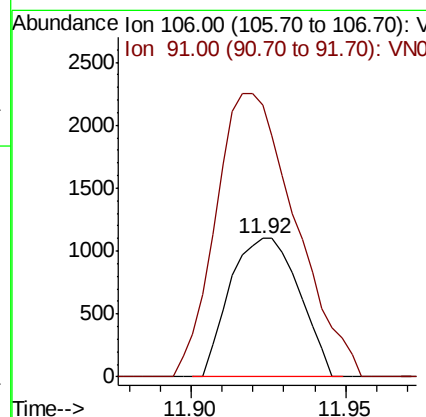
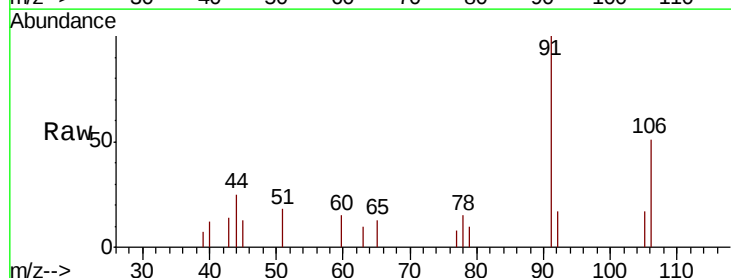
Instrument :
MSVOA_N
ClientSampleId :
OK-03-102020MEDL

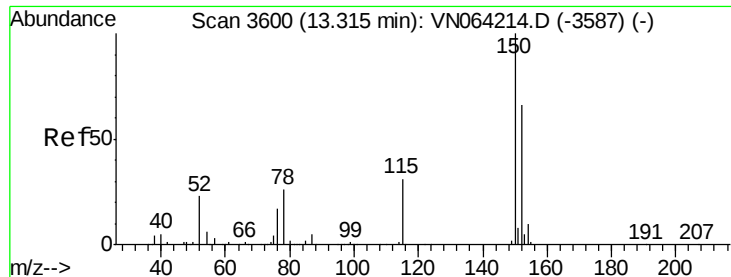
Tot Ion:106 Resp: 5536
Ion Ratio Lower Upper
106 100
91 204.6 172.2 258.2



#69
o-Xylene
Concen: 0.291 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064289.D
Acq: 23 Oct 2020 16:31

Tgt Ion:106 Resp: 1710
Ion Ratio Lower Upper
106 100
91 236.0 109.9 329.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064289.D

Acq: 23 Oct 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

OK-03-102020MEDL

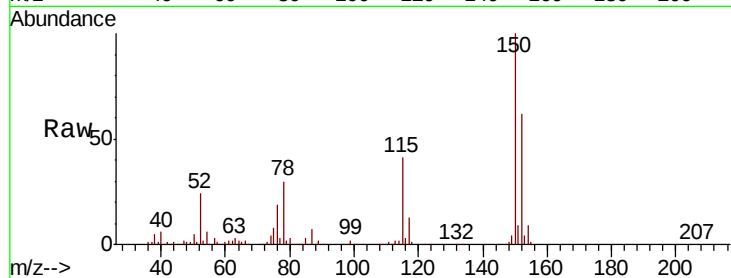
Tot Ion:152 Resp: 192988

Ion Ratio Lower Upper

152 100

115 64.8 32.0 96.2

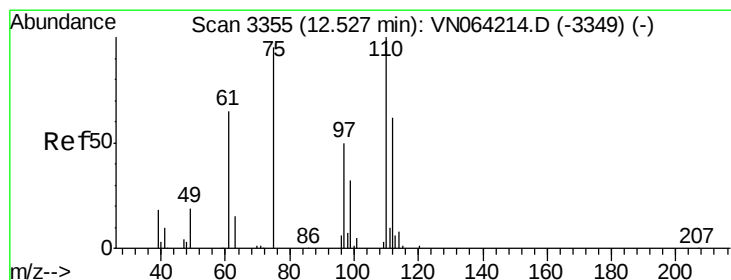
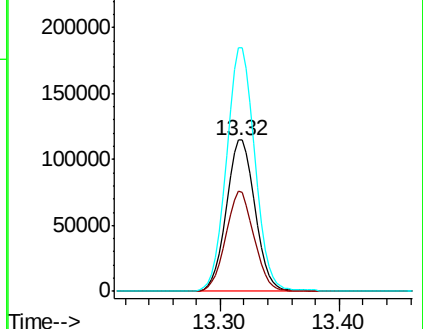
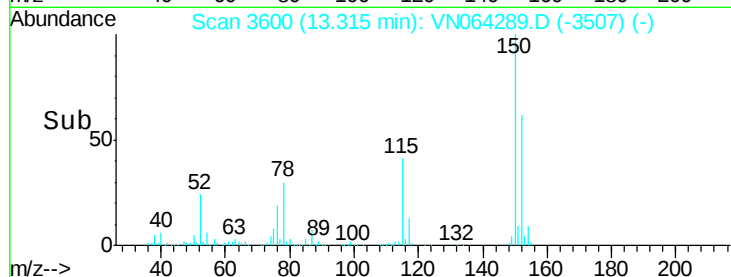
150 158.8 0.0 356.6



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: 32.078 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064289.D

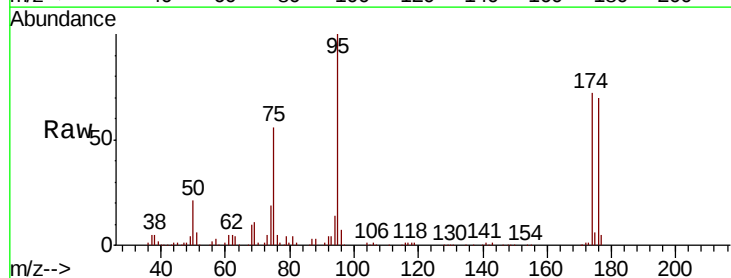
Acq: 23 Oct 2020 16:31

Tgt Ion: 75 Resp: 130510

Ion Ratio Lower Upper

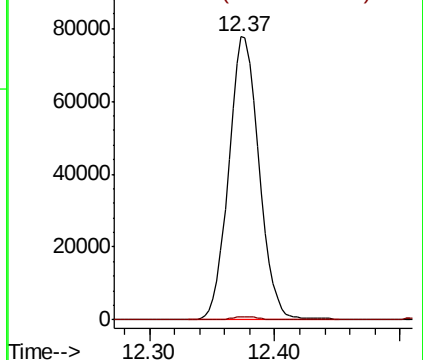
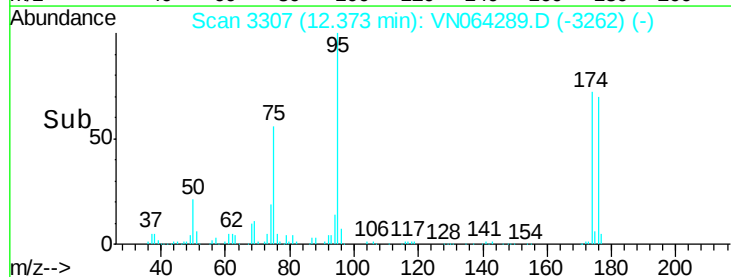
75 100

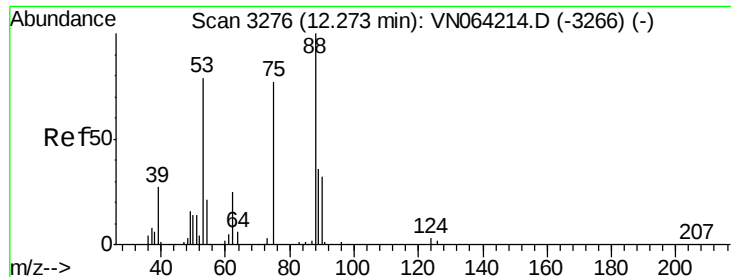
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.988 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN064289.D
 Acq: 23 Oct 2020 16:31

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-102020MEDL

Tot Ion: 75 Resp: 130510
 Ion Ratio Lower Upper
 75 100
 53 0.1 81.0 121.4#
 89 0.0 38.7 58.1#

