

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061485.D
 Acq On : 19 May 2020 15:56
 Operator : JC/MD
 Sample : L2663-09
 Misc : 1.00/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1364

Quant Time: May 20 05:25:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	313719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	555604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	528878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	289731	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	196588	41.99	ug/l	0.00
Spiked Amount			Recovery	=	83.98%	
35) Dibromofluoromethane	7.54	113	143199	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
50) Toluene-d8	10.06	98	672041	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.38	95	271292	53.79	ug/l	0.00
Spiked Amount			Recovery	=	107.58%	

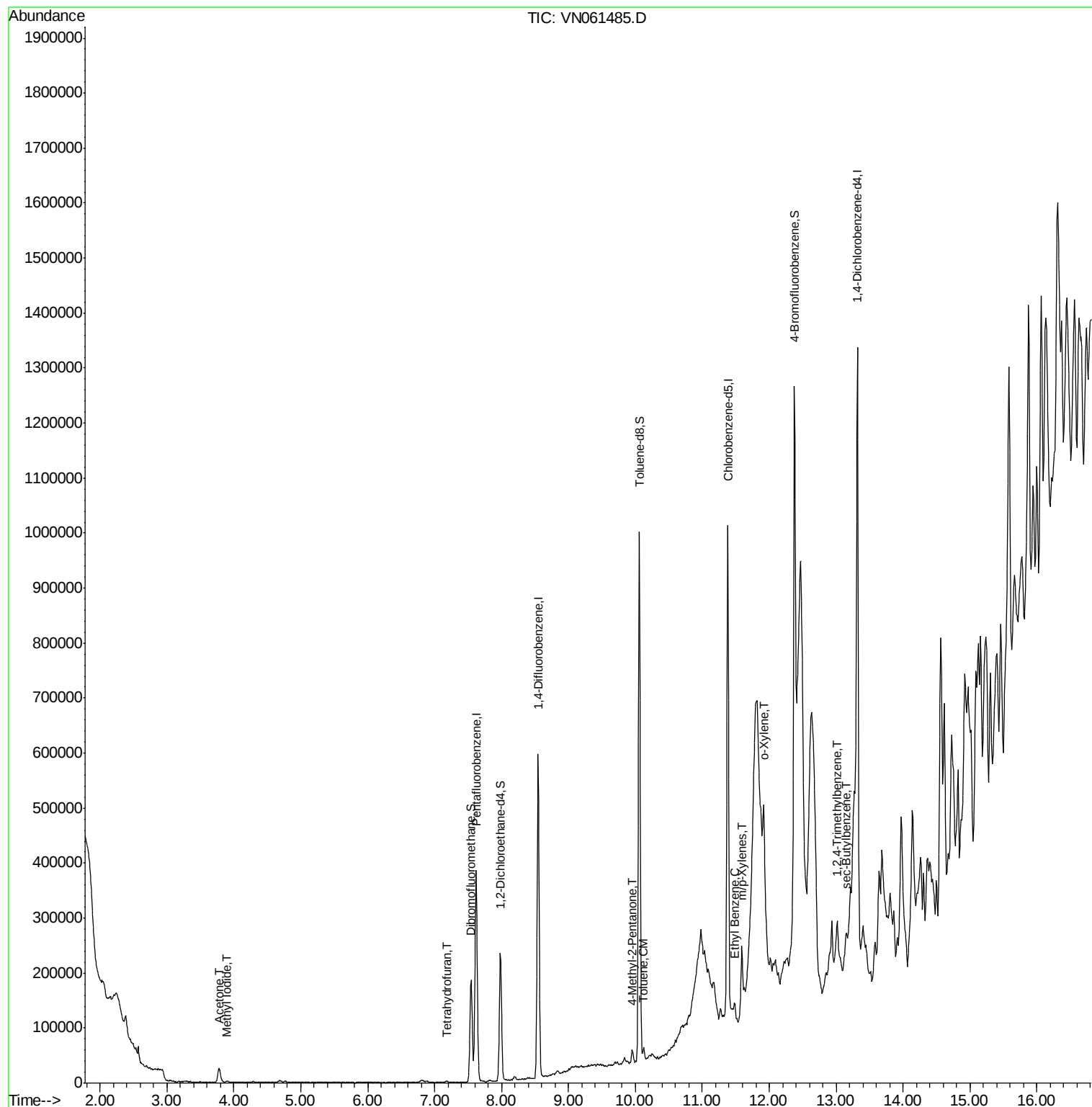
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.89	142	2859	0.766	ug/l #	88
16) Acetone	3.78	43	45018	27.395	ug/l	98
29) Tetrahydrofuran	7.18	42	1738	1.231	ug/l #	74
51) 4-Methyl-2-Pentanone	9.95	43	15735	3.515	ug/l	96
52) Toluene	10.12	92	6514	0.648	ug/l	89
67) Ethyl Benzene	11.48	91	18610	0.945	ug/l #	86
68) m/p-Xylenes	11.59	106	37209	4.979	ug/l	100
69) o-Xylene	11.92	106	37409	5.173	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	29820	1.565	ug/l	96
85) sec-Butylbenzene	13.15	105	7762	0.352	ug/l	93

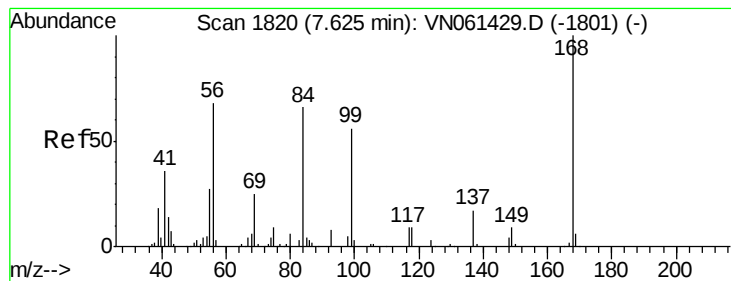
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051920\
Data File : VN061485.D
Acq On : 19 May 2020 15:56
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Sample : L2663-09
Misc : 1.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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1364

Quant Time: May 20 05:25:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

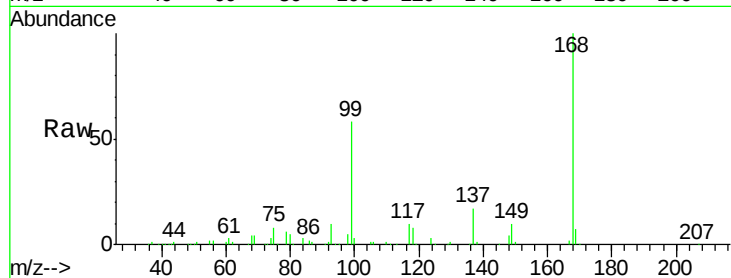
1364

Tot Ion:168 Resp: 313719

Ion Ratio Lower Upper

168 100

99 58.5 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

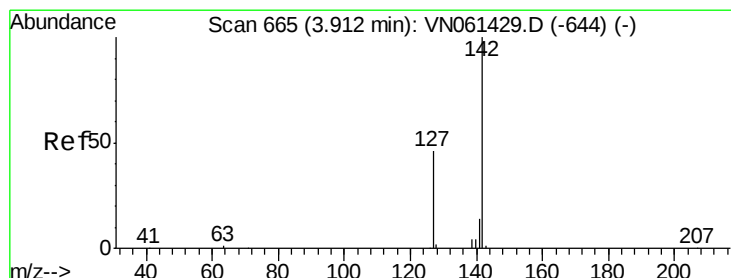
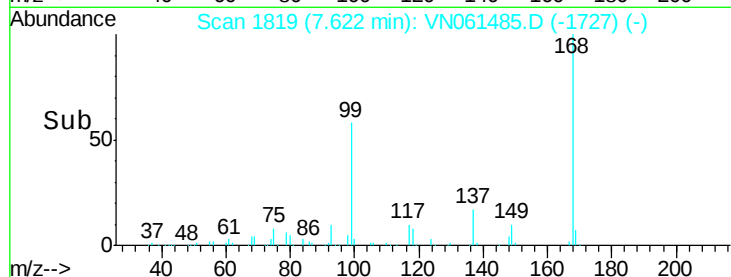
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 0.766 ug/l

RT: 3.89 min Scan# 658

Delta R.T. -0.02 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

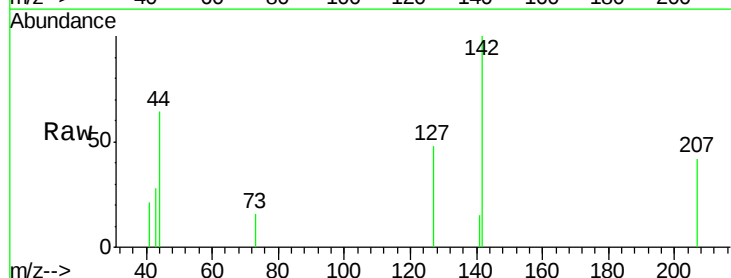
Tgt Ion:142 Resp: 2859

Ion Ratio Lower Upper

142 100

127 42.1 36.7 55.1

141 2.1 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

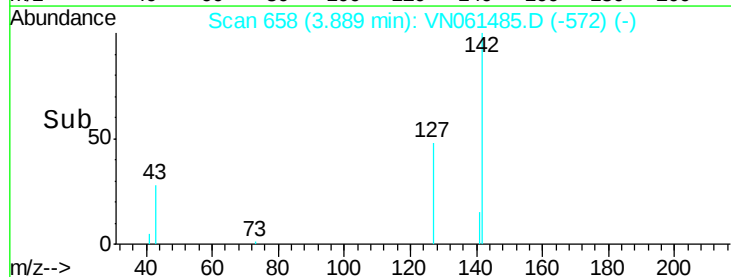
3.89

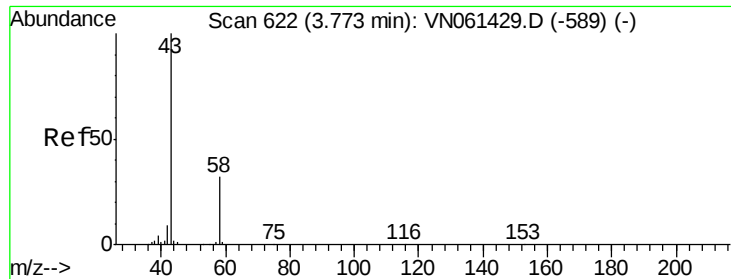
1000

500

0

Time-->





#16

Acetone

Concen: 27.395 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

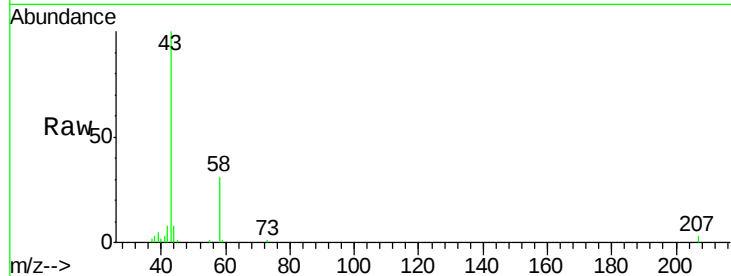
1364

Tot Ion: 43 Resp: 45018

Ion Ratio Lower Upper

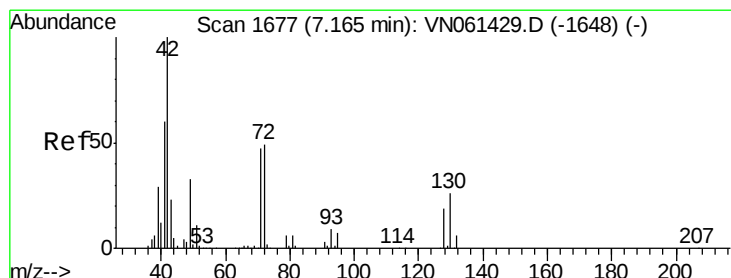
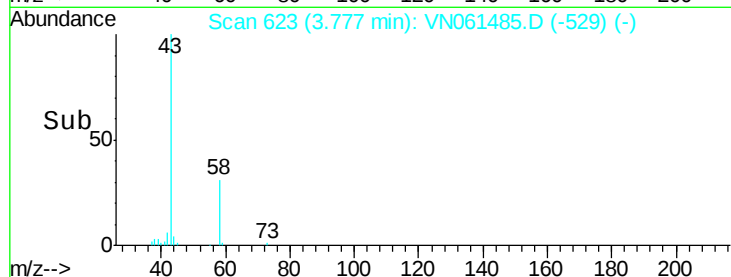
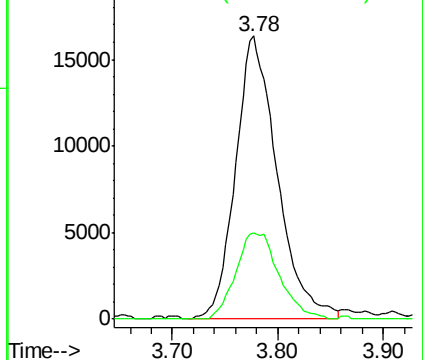
43 100

58 30.6 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#29

Tetrahydrofuran

Concen: 1.231 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

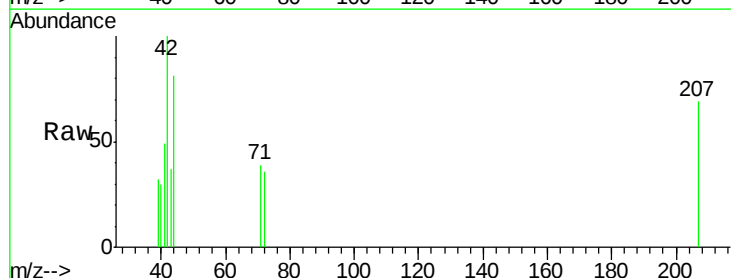
Tgt Ion: 42 Resp: 1738

Ion Ratio Lower Upper

42 100

72 30.3 39.0 58.6#

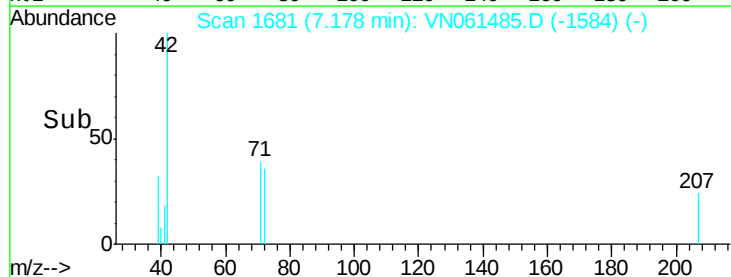
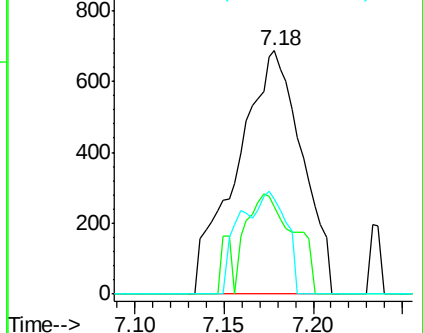
71 30.1 36.9 55.3#

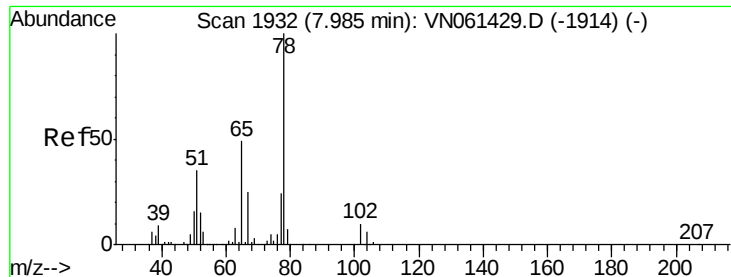


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 41.987 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. 0.00 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

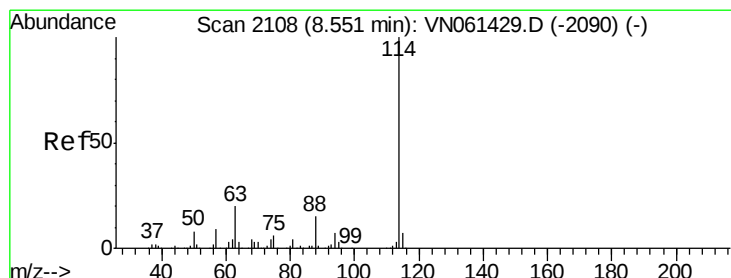
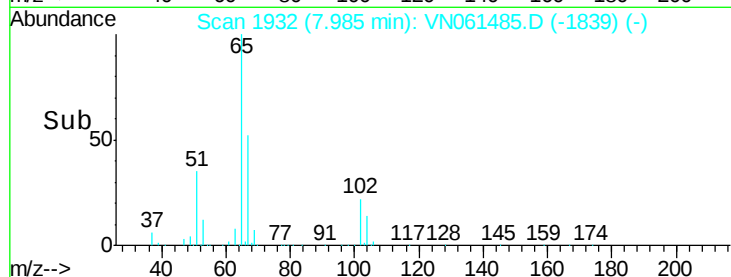
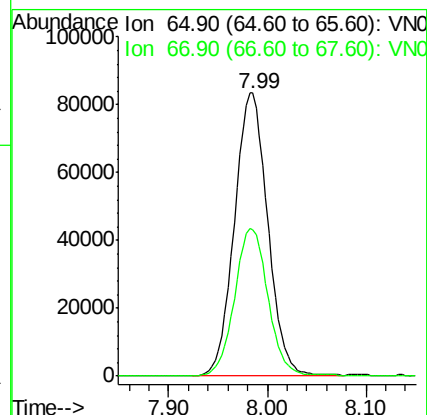
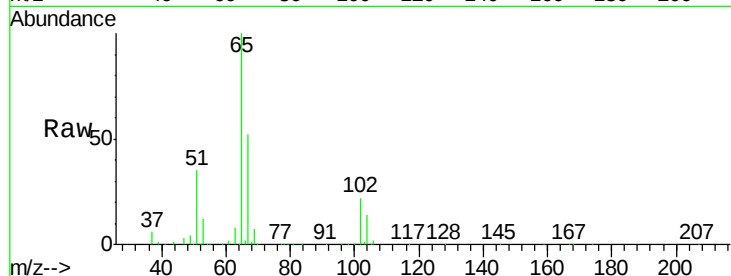
1364

Tot Ion: 65 Resp: 196588

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

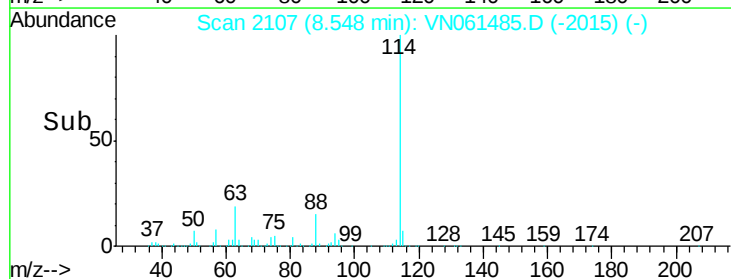
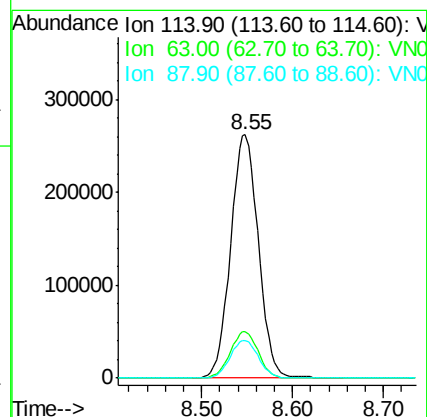
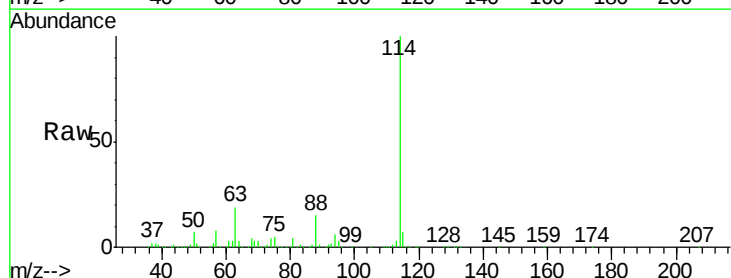
Tgt Ion: 114 Resp: 555604

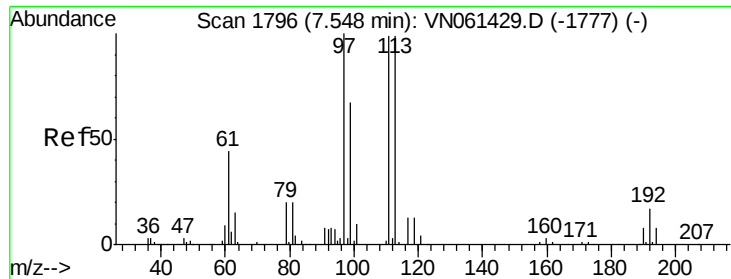
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.8

88 15.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.198 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

1364

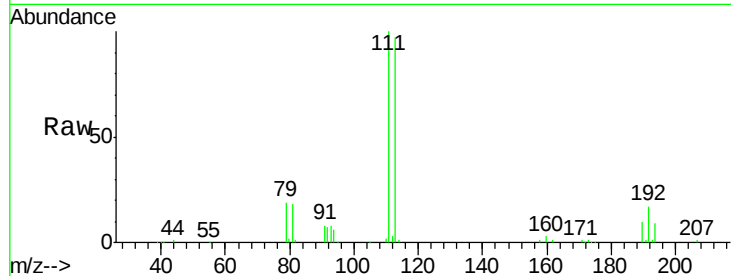
Tot Ion:113 Resp: 143199

Ion Ratio Lower Upper

113 100

111 103.2 80.6 121.0

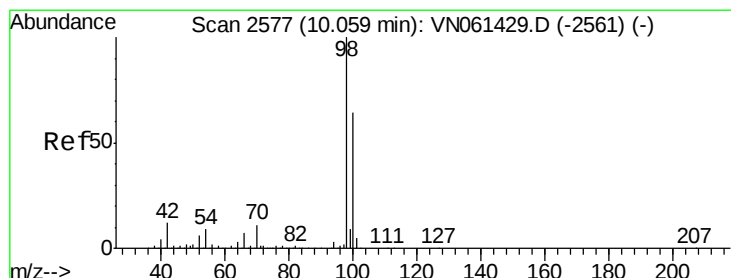
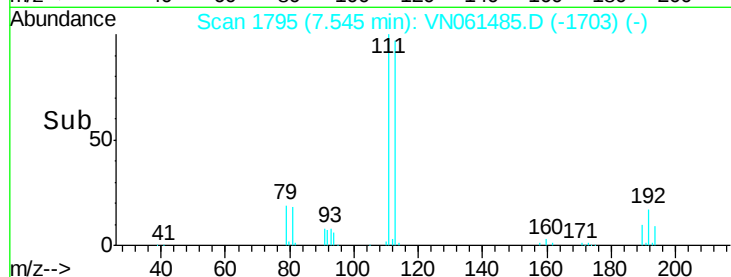
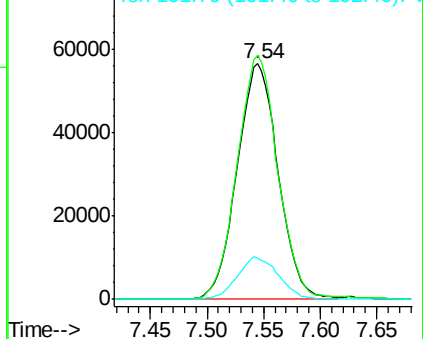
192 17.9 13.2 19.8



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



#50

Toluene-d8

Concen: 49.780 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061485.D

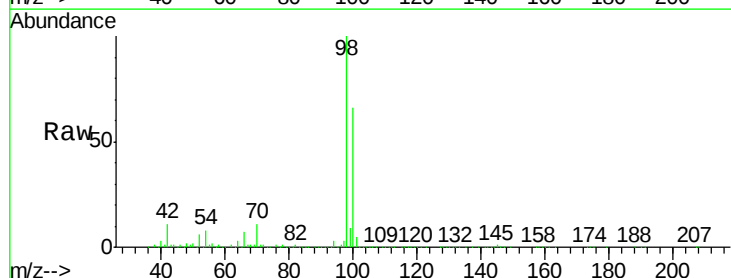
Acq: 19 May 2020 15:56

Tgt Ion: 98 Resp: 672041

Ion Ratio Lower Upper

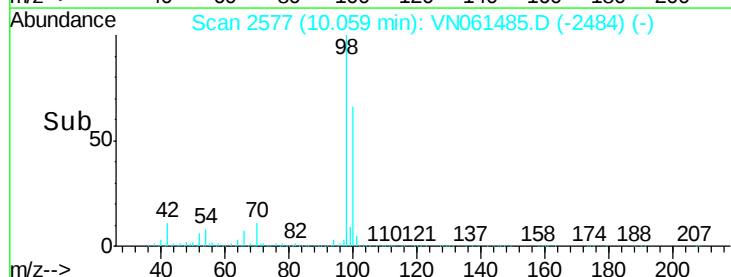
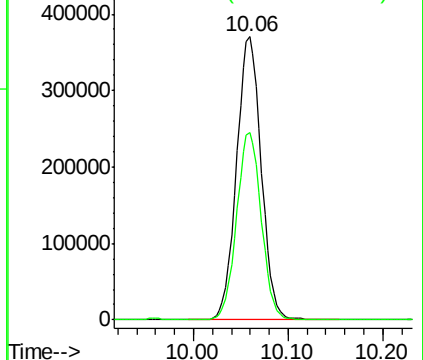
98 100

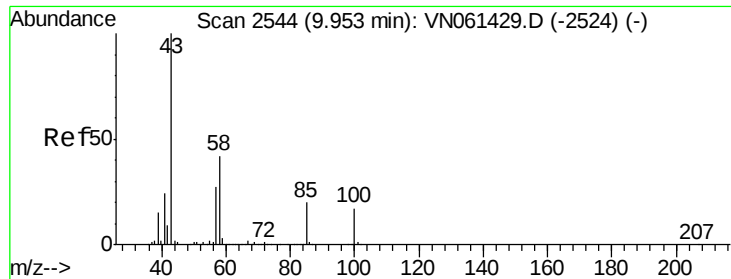
100 66.2 51.8 77.8



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: 3.515 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

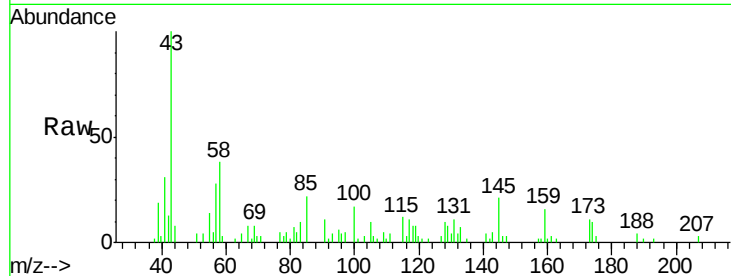
1364

Tot Ion: 43 Resp: 15735

Ion Ratio Lower Upper

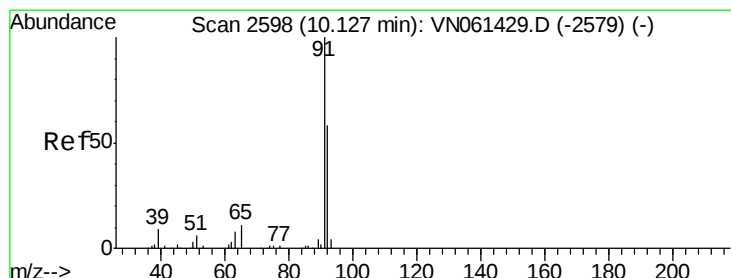
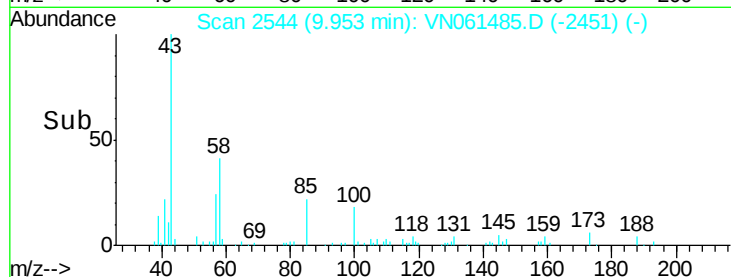
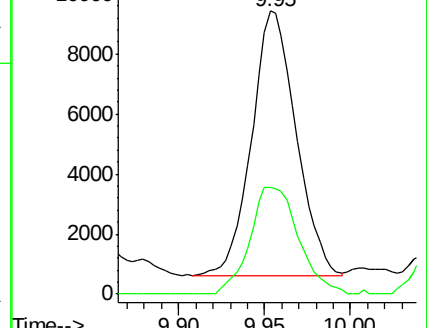
43 100

58 44.5 33.4 50.2



Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-2524) (-)

Ion 58.00 (57.70 to 58.70): VN061429.D (-2524) (-)



#52

Toluene

Concen: 0.648 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061485.D

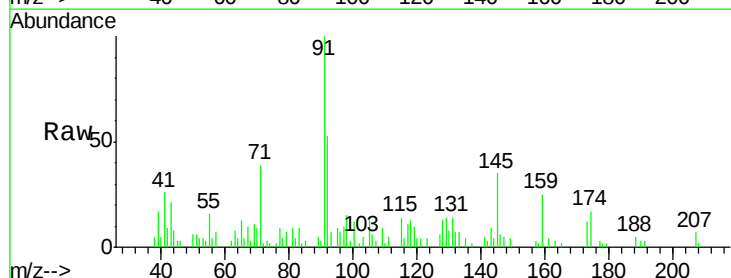
Acq: 19 May 2020 15:56

Tgt Ion: 92 Resp: 6514

Ion Ratio Lower Upper

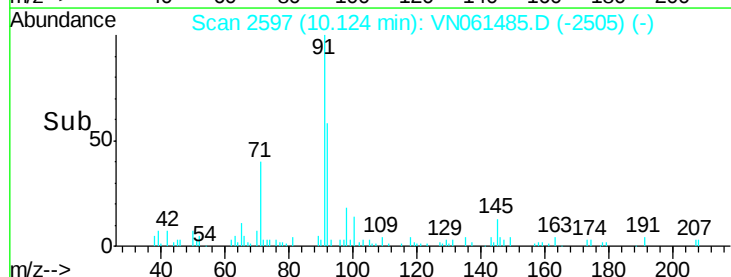
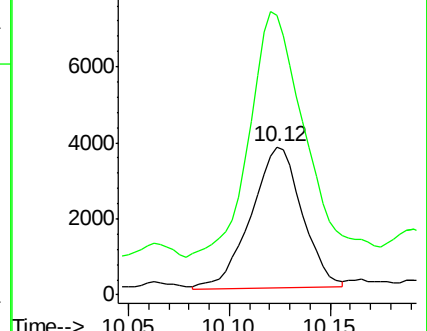
92 100

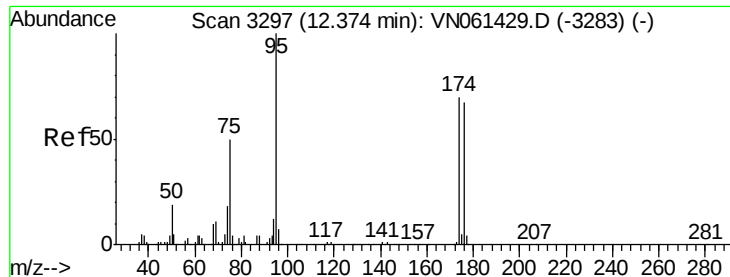
91 188.2 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN061429.D (-2579) (-)

Ion 91.00 (90.70 to 91.70): VN061429.D (-2579) (-)

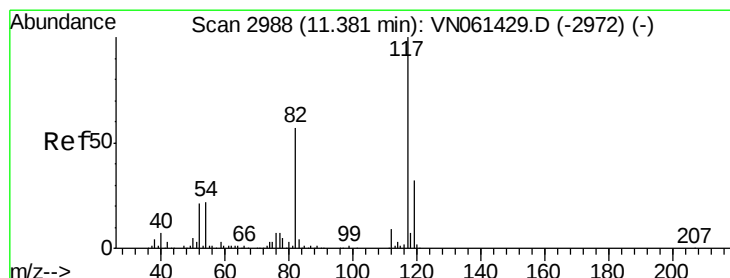
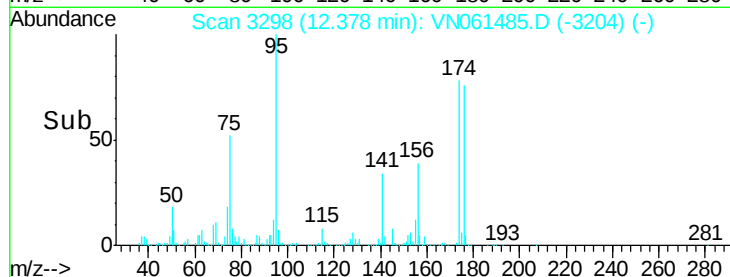
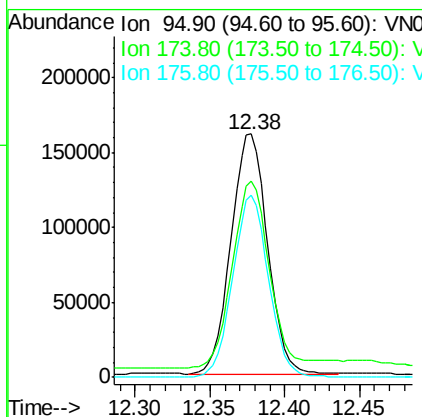
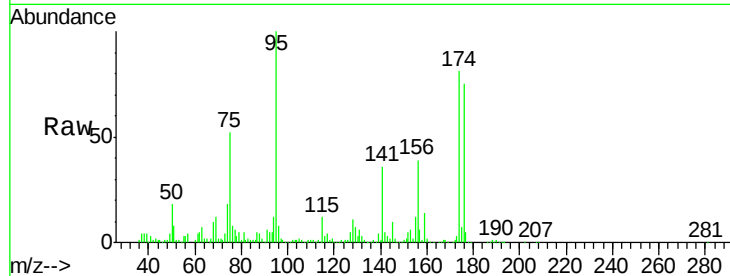




#62
4-Bromofluorobenzene
Concen: 53.787 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061485.D
Acq: 19 May 2020 15:56

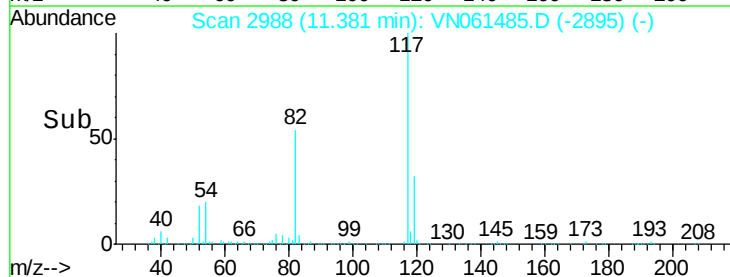
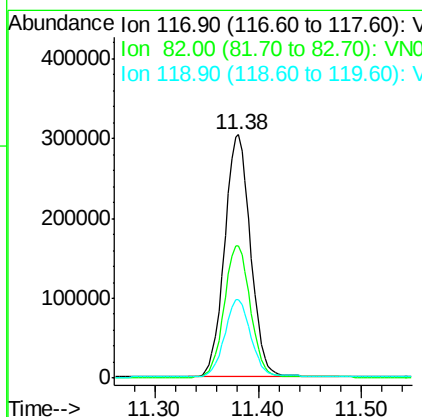
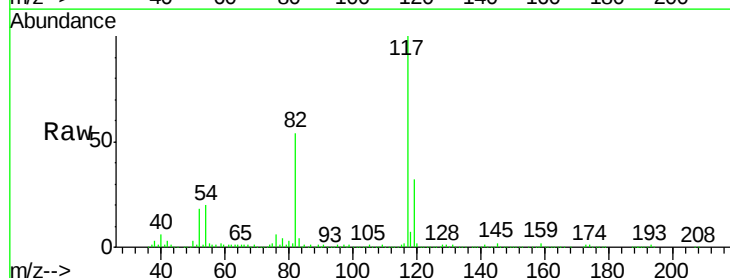
Instrument :
MSVOA_N
ClientSampled :
1364

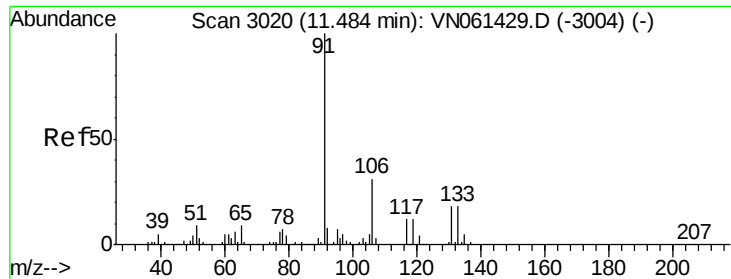
Tot Ion: 95 Resp: 271292
Ion Ratio Lower Upper
95 100
174 78.0 0.0 141.2
176 75.0 0.0 137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061485.D
Acq: 19 May 2020 15:56

Tgt Ion: 117 Resp: 528878
Ion Ratio Lower Upper
117 100
82 54.0 45.2 67.8
119 32.1 25.3 37.9

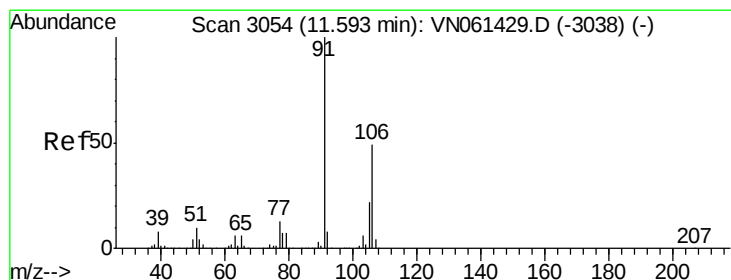
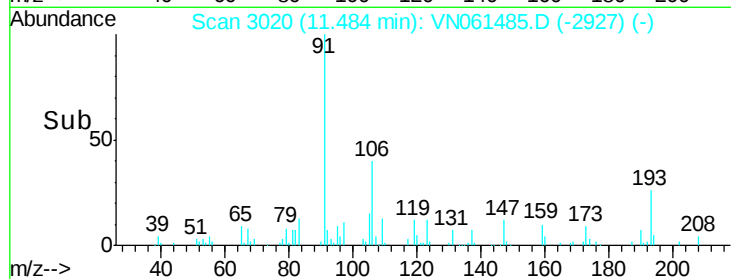
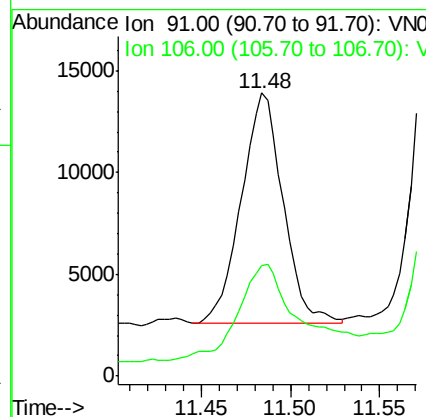
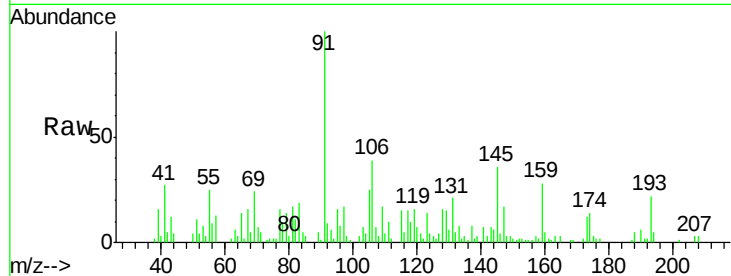




#67
Ethyl Benzene
Concen: 0.945 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061485.D
Acq: 19 May 2020 15:56

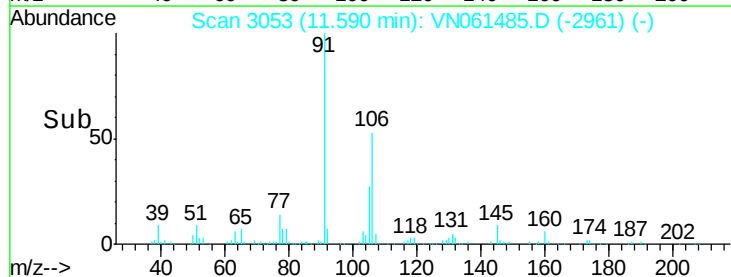
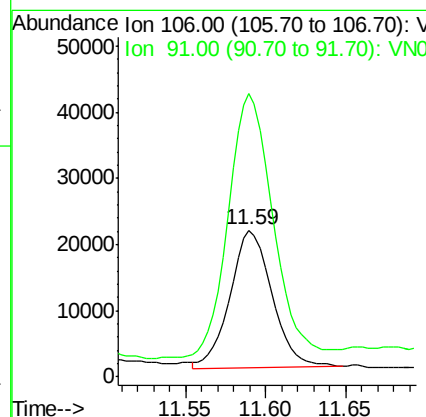
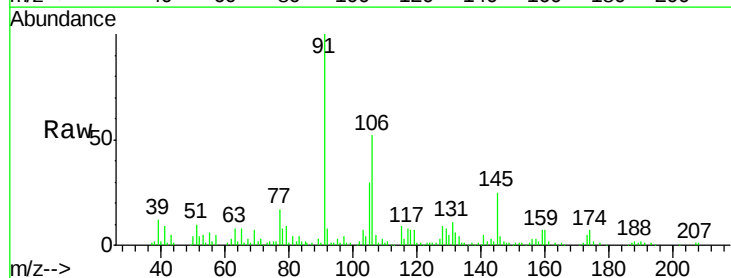
Instrument :
MSVOA_N
ClientSampled :
1364

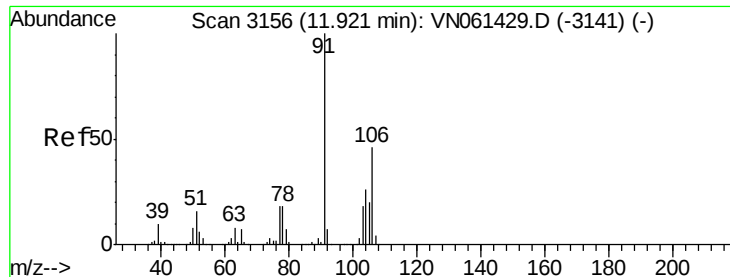
Tot Ion: 91 Resp: 18610
Ion Ratio Lower Upper
91 100
106 38.4 24.6 36.8#



#68
m/p-Xylenes
Concen: 4.979 ug/l
RT: 11.59 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN061485.D
Acq: 19 May 2020 15:56

Tgt Ion: 106 Resp: 37209
Ion Ratio Lower Upper
106 100
91 203.8 163.0 244.6

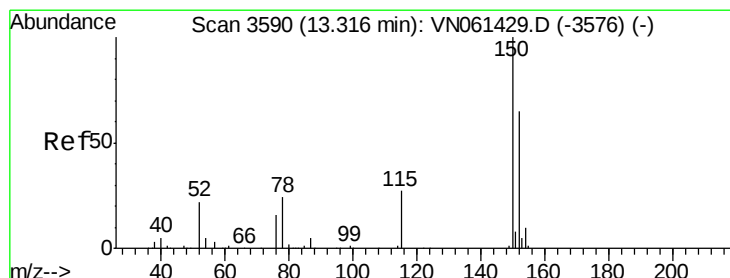
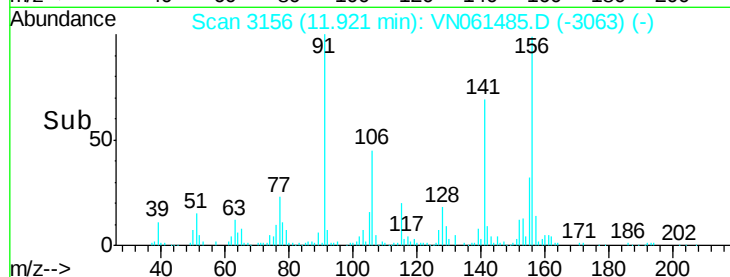
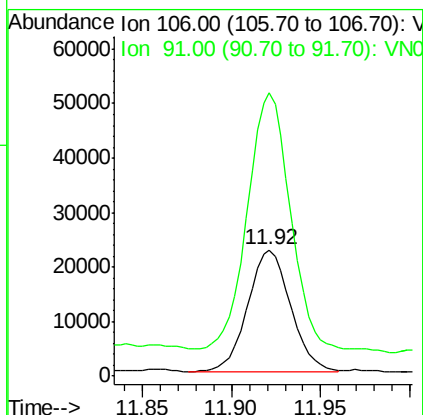
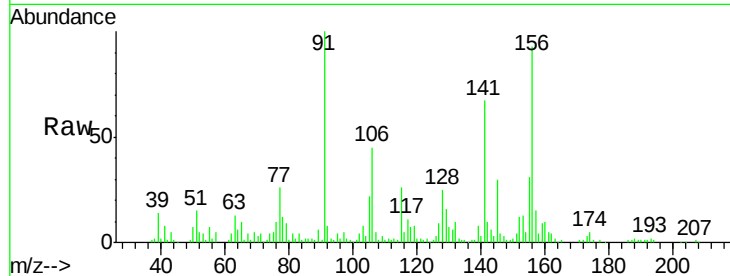




#69
o-Xylene
Concen: 5.173 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061485.D
Acq: 19 May 2020 15:56

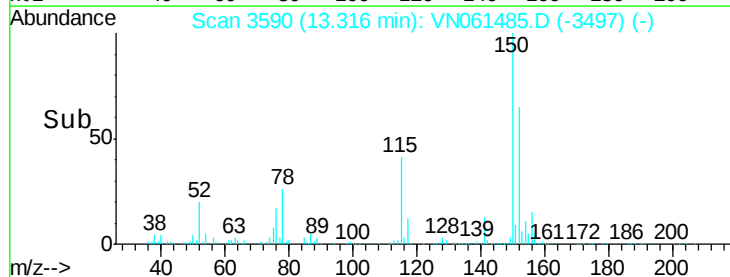
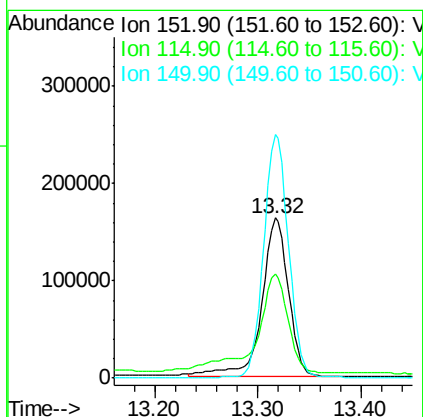
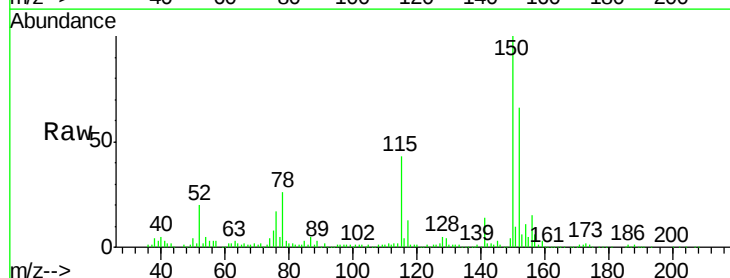
Instrument :
MSVOA_N
ClientSampled :
1364

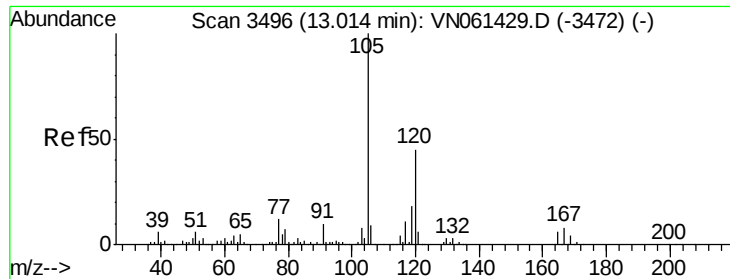
Tot Ion:106 Resp: 37409
Ion Ratio Lower Upper
106 100
91 210.0 107.9 323.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061485.D
Acq: 19 May 2020 15:56

Tgt Ion:152 Resp: 289731
Ion Ratio Lower Upper
152 100
115 62.2 30.9 92.5
150 142.1 0.0 349.2

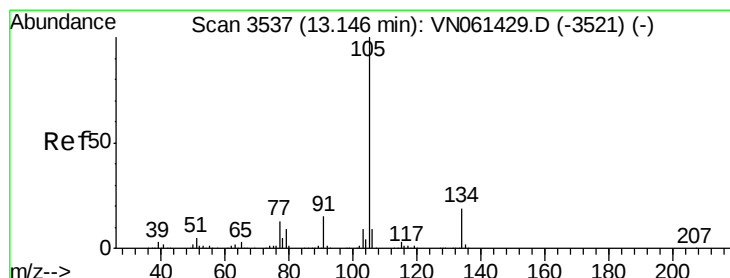
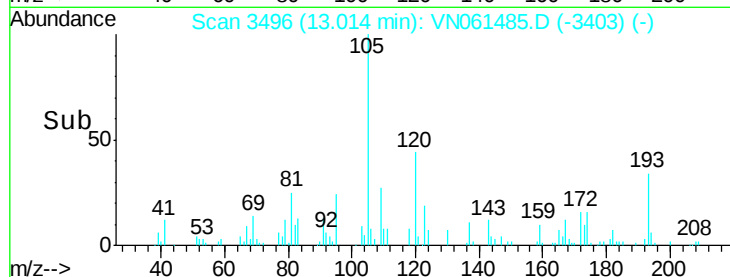
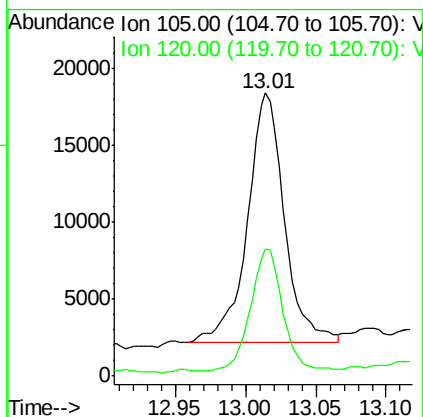
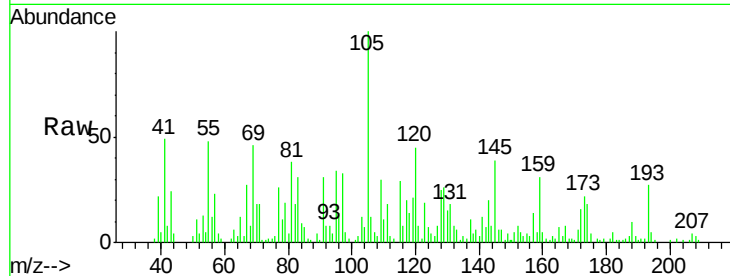




#84
1,2,4-Trimethylbenzene
Concen: 1.565 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061485.D
Acq: 19 May 2020 15:56

Instrument :
MSVOA_N
ClientSampled :
1364

Tot Ion:105 Resp: 29820
Ion Ratio Lower Upper
105 100
120 42.2 22.4 67.3



#85
sec-Butylbenzene
Concen: 0.352 ug/l
RT: 13.15 min Scan# 3537
Delta R.T. 0.00 min
Lab File: VN061485.D
Acq: 19 May 2020 15:56

Tgt Ion:105 Resp: 7762
Ion Ratio Lower Upper
105 100
134 16.3 9.8 29.5

