

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052020\
 Data File : VX016366.D
 Acq On : 20 May 2020 17:30
 Operator : JC/SP
 Sample : L2644-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-COMP

Quant Time: May 21 06:01:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	242807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	409786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	398943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198359	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	145737	45.61	ug/l	0.00
Spiked Amount			Recovery	=	91.22%	
35) Dibromofluoromethane	5.47	113	123046	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
50) Toluene-d8	8.70	98	498234	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	11.12	95	187555	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	

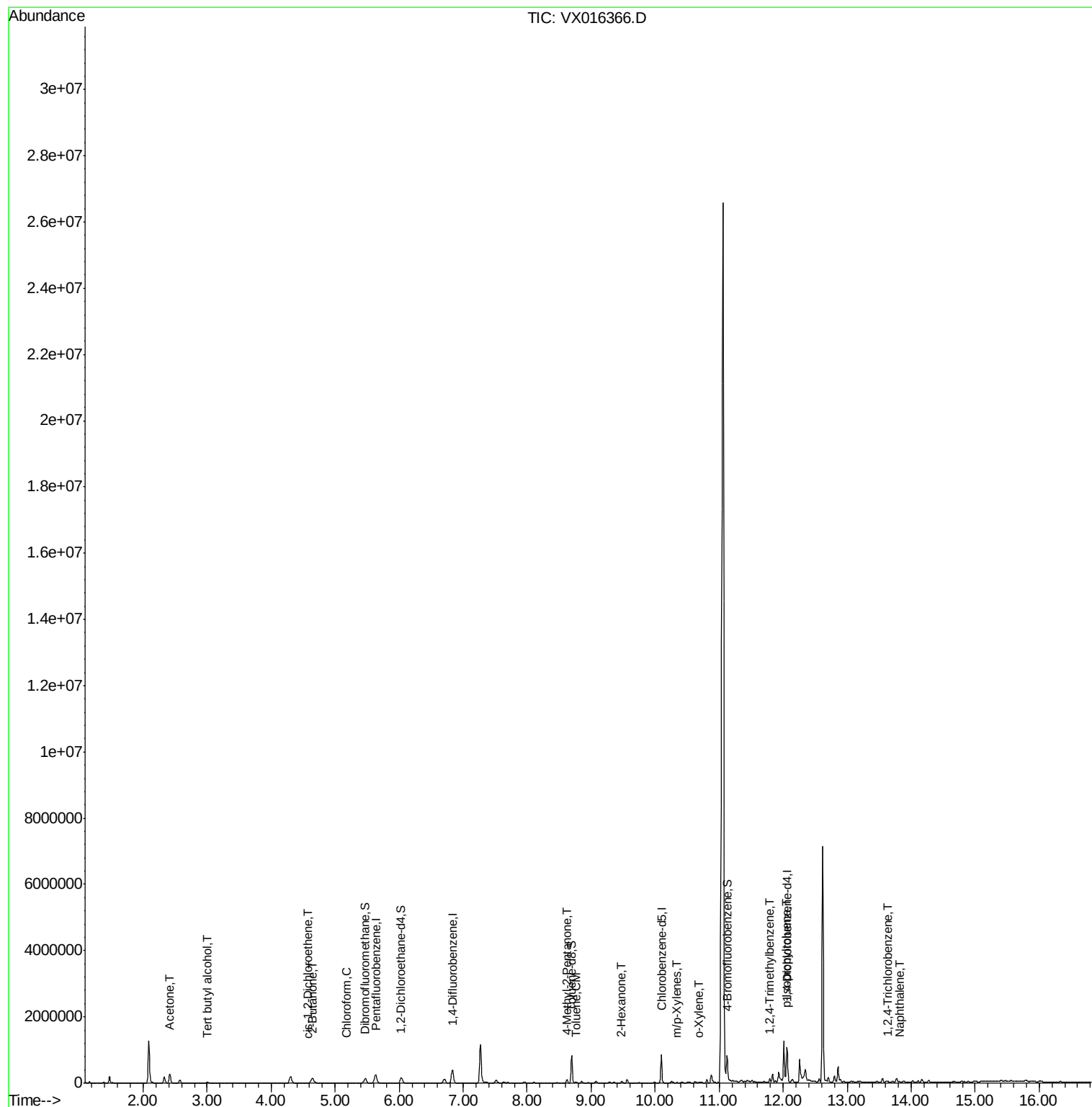
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	19788	24.491	ug/l	95
16) Acetone	2.42	43	270884	190.011	ug/l	93
25) 2-Butanone	4.64	43	130316	56.727	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	1801	0.586	ug/l	74
30) Chloroform	5.18	83	7727	1.589	ug/l	92
51) 4-Methyl-2-Pentanone	8.62	43	57262	12.544	ug/l	96
52) Toluene	8.76	92	5005	0.680	ug/l	95
59) 2-Hexanone	9.48	43	24423	6.813	ug/l	93
68) m/p-Xylenes	10.34	106	2982	0.534	ug/l	94
69) o-Xylene	10.68	106	1468	0.273	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	26959	2.189	ug/l #	44
86) p-Isopropyltoluene	12.05	119	204386	15.531	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	1862	0.391	ug/l	92
95) Naphthalene	13.82	128	5737	0.372	ug/l	95

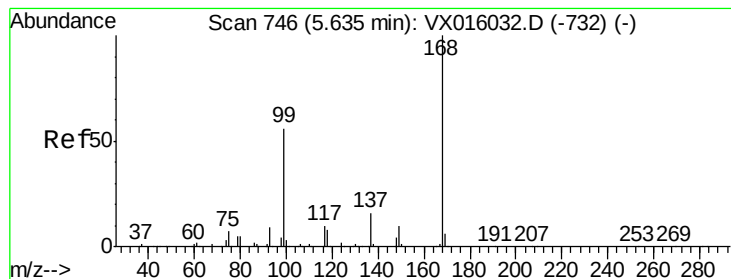
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016366.D

Acq: 20 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

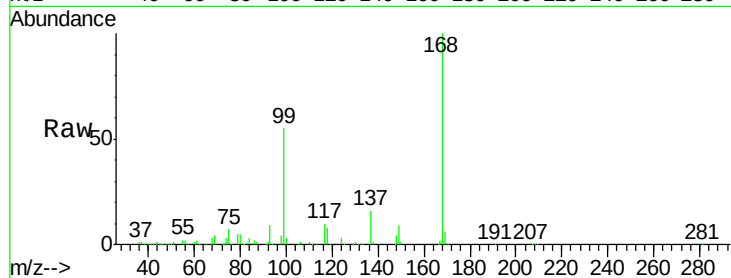
DRUM-COMP

Tot Ion:168 Resp: 242807

Ion Ratio Lower Upper

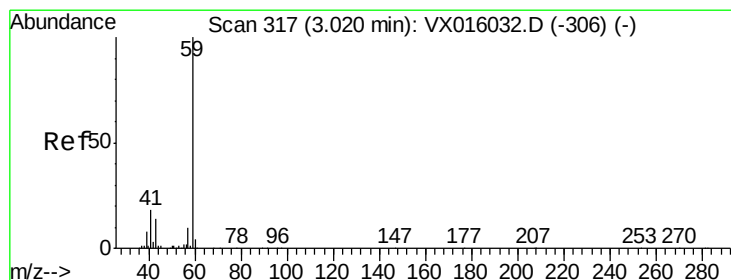
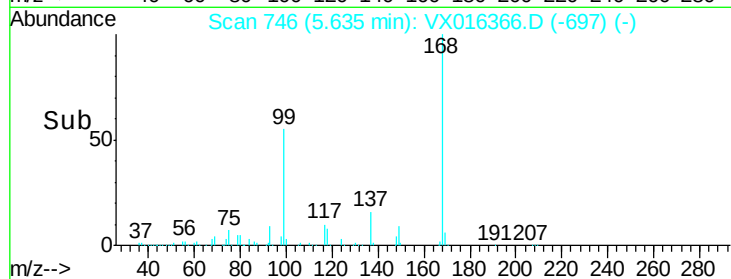
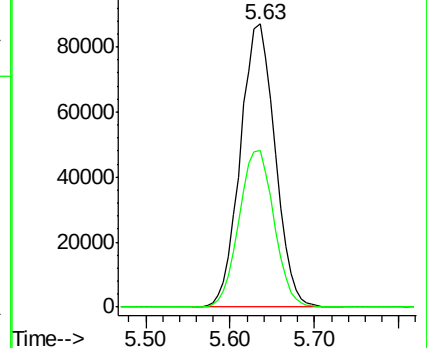
168 100

99 55.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 24.491 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX016366.D

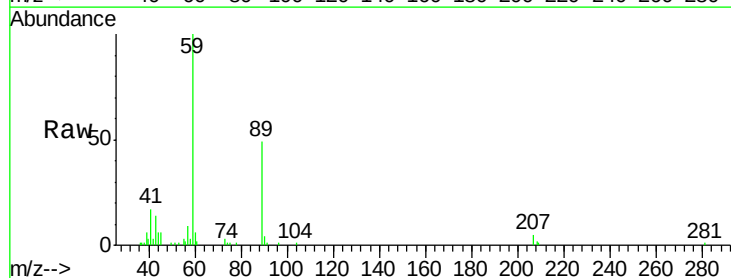
Acq: 20 May 2020 17:30

Tgt Ion: 59 Resp: 19788

Ion Ratio Lower Upper

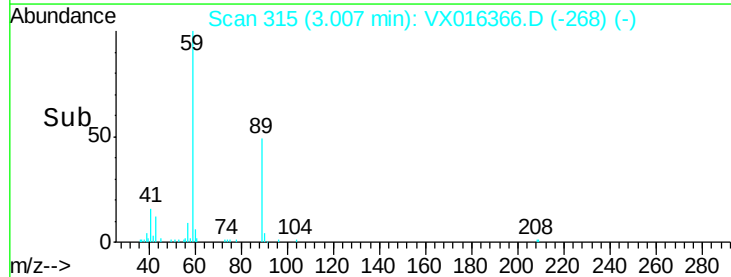
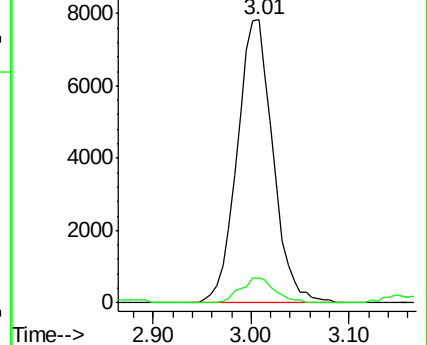
59 100

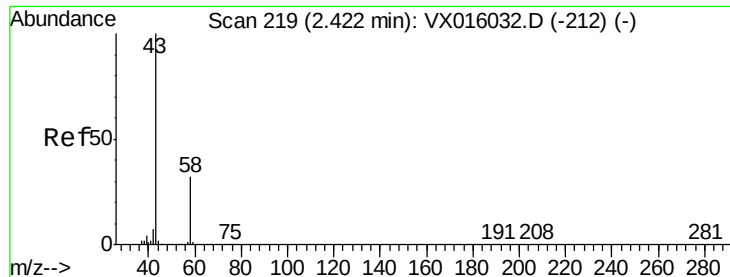
57 8.6 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

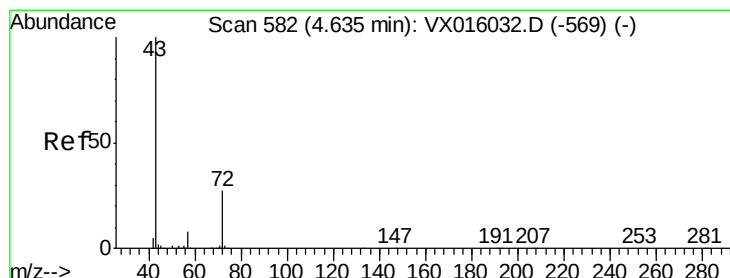
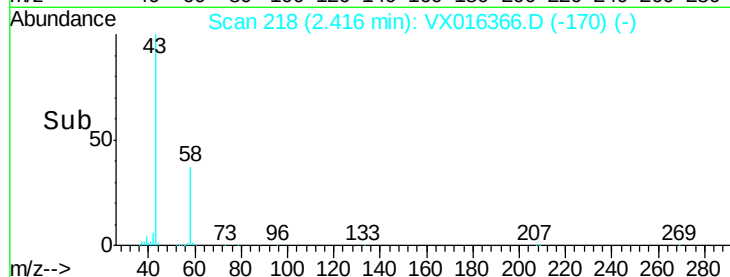
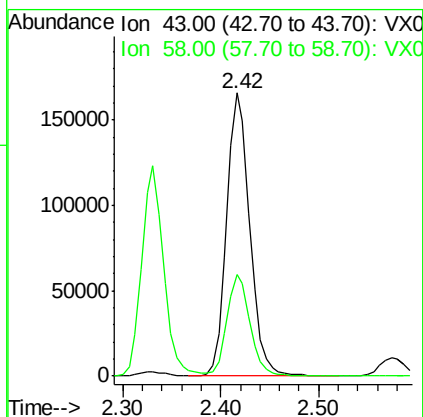
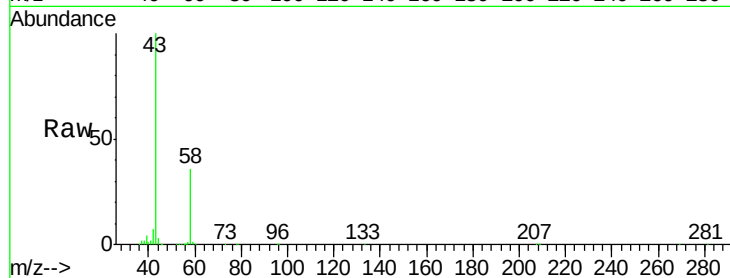




#16
Acetone
Concen: 190.011 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016366.D
Acq: 20 May 2020 17:30

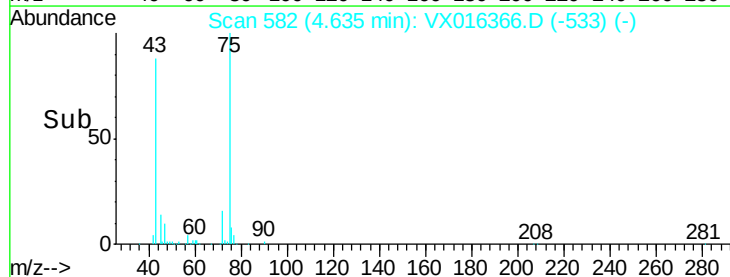
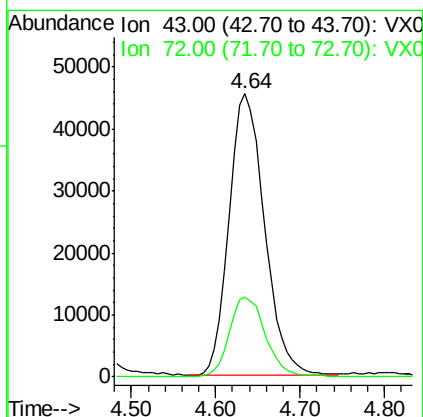
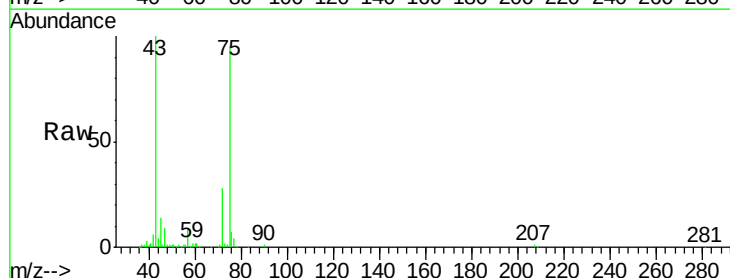
Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMP

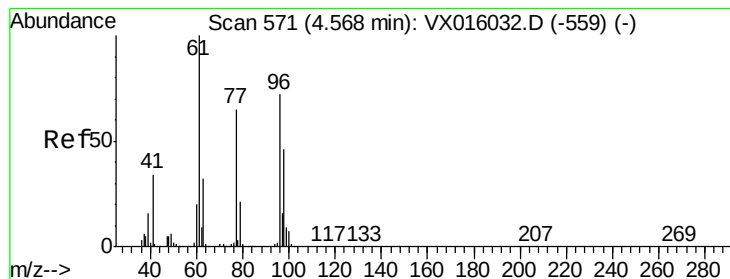
Tot Ion: 43 Resp: 270884
Ion Ratio Lower Upper
43 100
58 35.7 25.4 38.0



#25
2-Butanone
Concen: 56.727 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016366.D
Acq: 20 May 2020 17:30

Tgt Ion: 43 Resp: 130316
Ion Ratio Lower Upper
43 100
72 28.4 21.8 32.8





#27

cis-1,2-Dichloroethene

Concen: 0.586 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016366.D

Acq: 20 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

DRUM-COMP

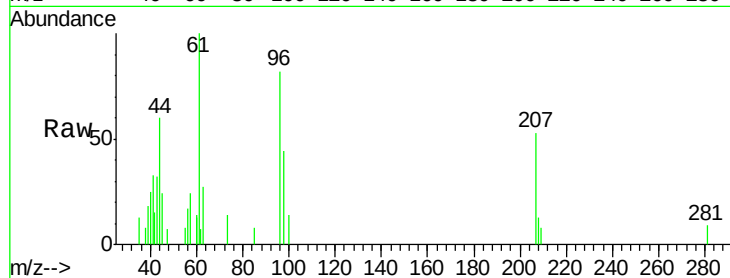
Tot Ion: 96 Resp: 1801

Ion Ratio Lower Upper

96 100

61 103.5 0.0 296.2

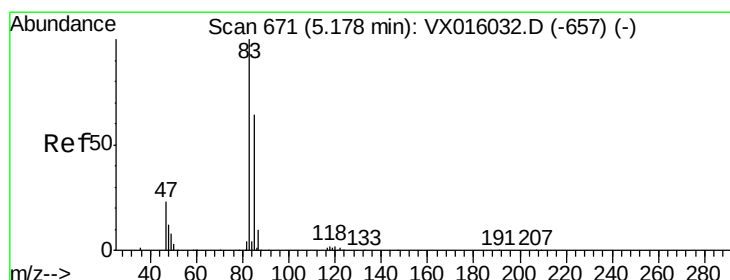
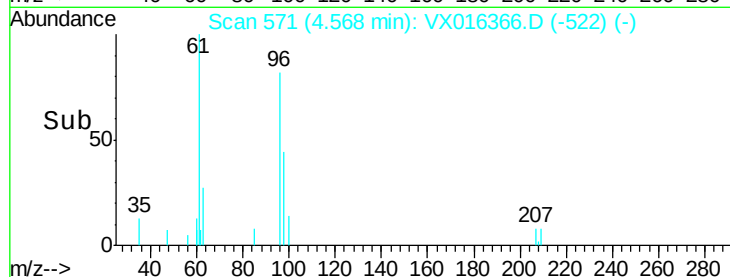
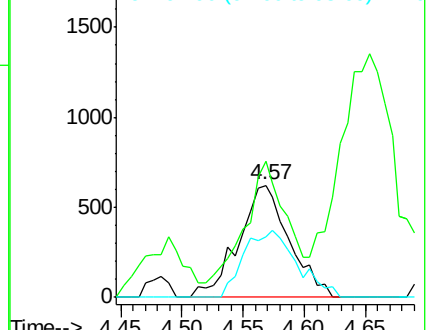
98 61.7 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#30

Chloroform

Concen: 1.589 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016366.D

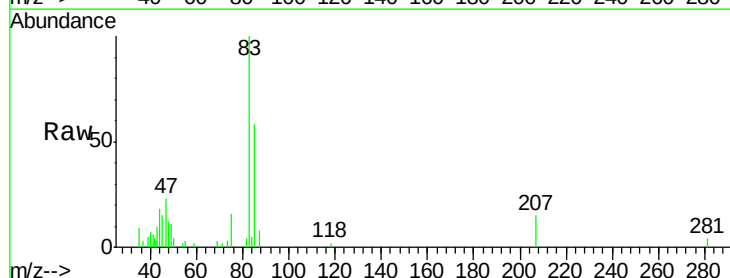
Acq: 20 May 2020 17:30

Tgt Ion: 83 Resp: 7727

Ion Ratio Lower Upper

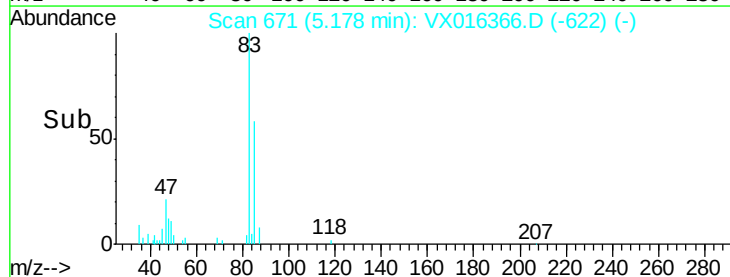
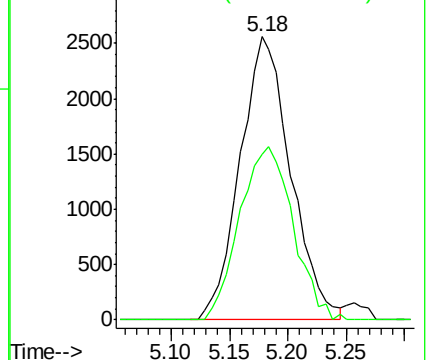
83 100

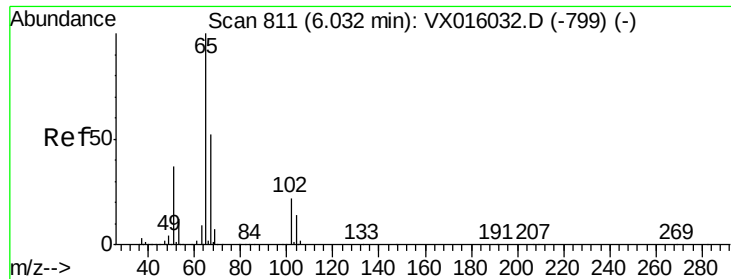
85 58.4 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

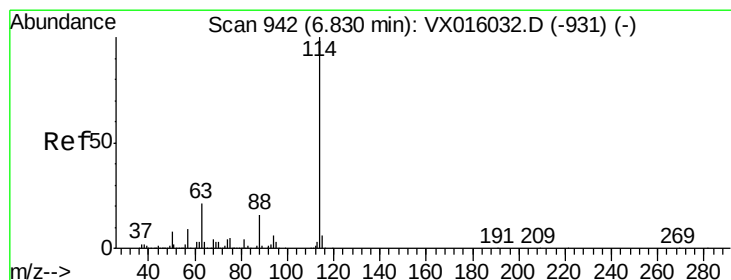
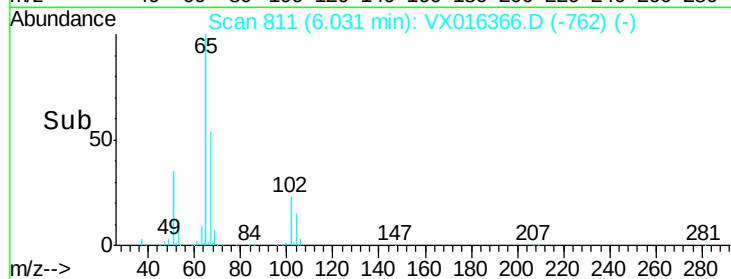
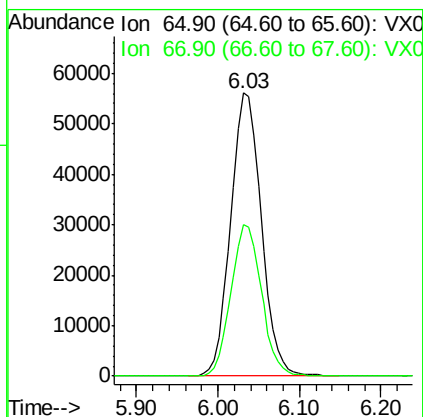
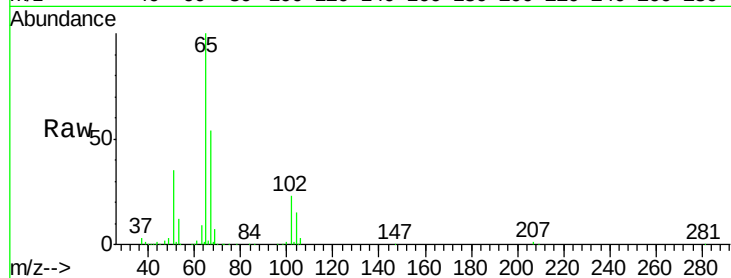




#33
 1,2-Dichloroethane-d4
 Concen: 45.613 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016366.D
 Acq: 20 May 2020 17:30

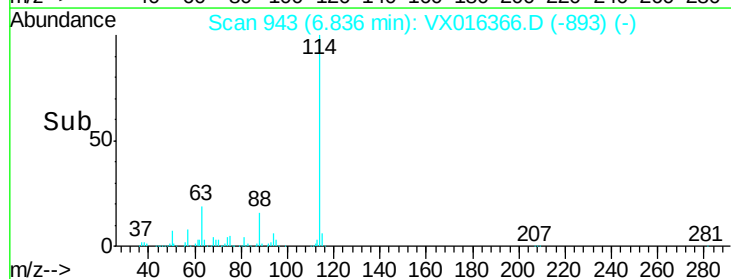
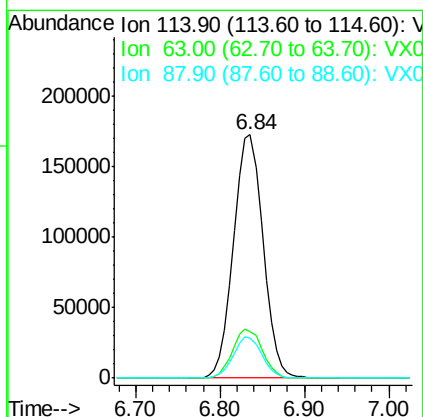
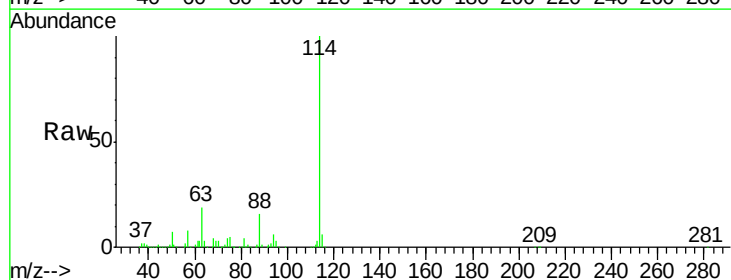
Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-COMP

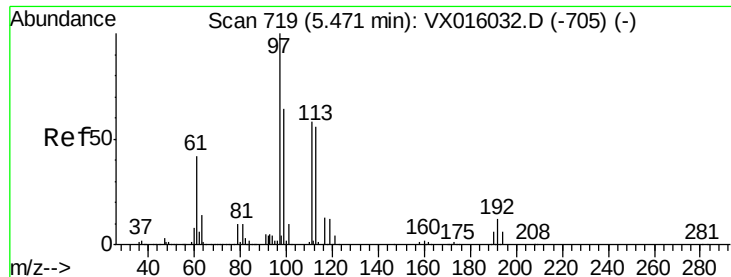
Tot Ion: 65 Resp: 145737
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016366.D
 Acq: 20 May 2020 17:30

Tgt Ion: 114 Resp: 409786
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.8
 88 16.4 0.0 31.4

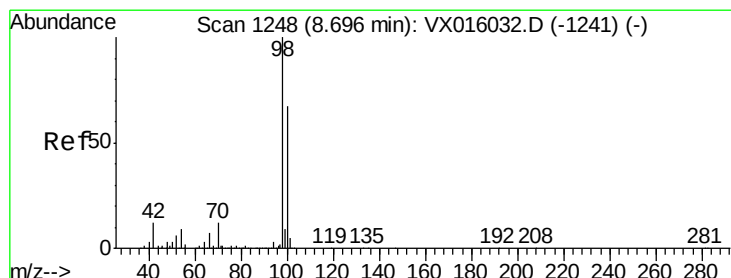
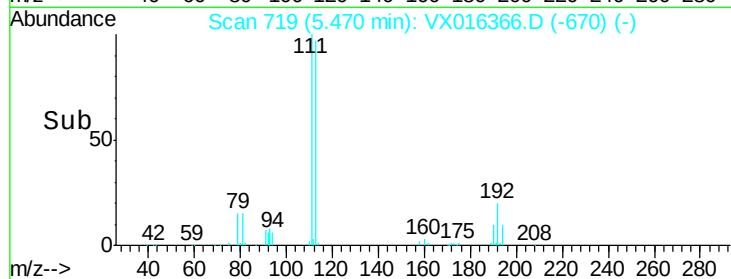
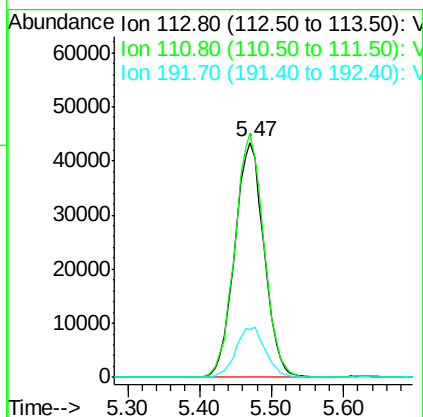
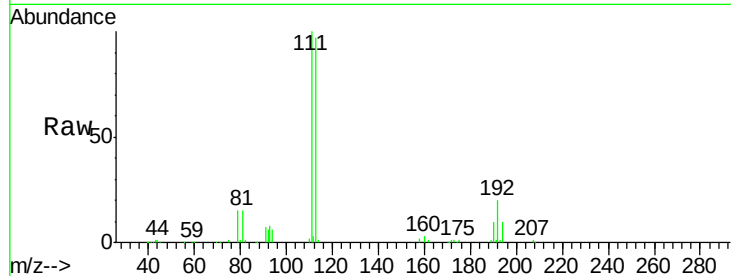




#35
Dibromofluoromethane
Concen: 47.395 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016366.D
Acq: 20 May 2020 17:30

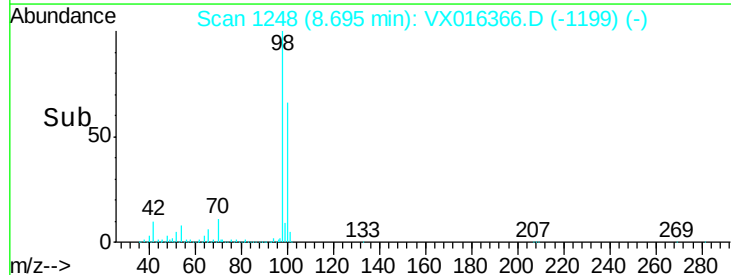
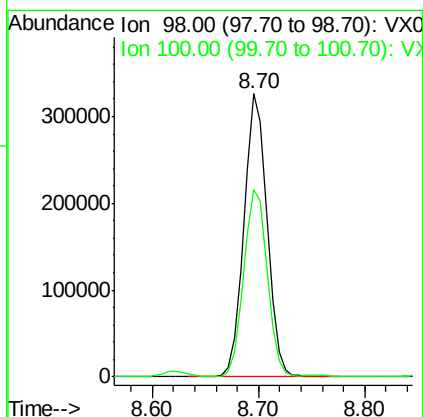
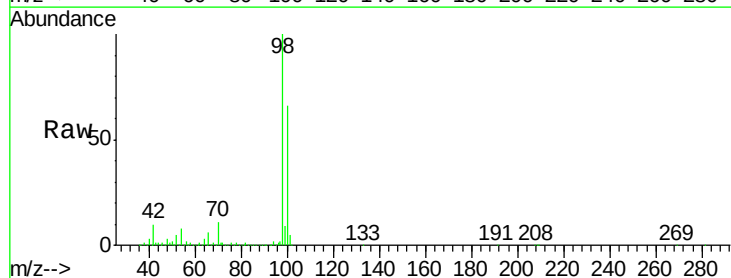
Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMP

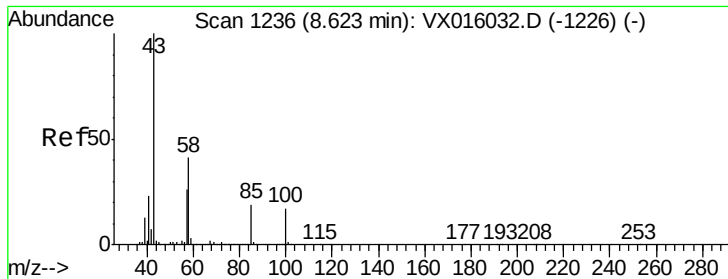
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.6	122.4
192	21.4	17.0	25.4



#50
Toluene-d8
Concen: 49.807 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016366.D
Acq: 20 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 12.544 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016366.D

Acq: 20 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

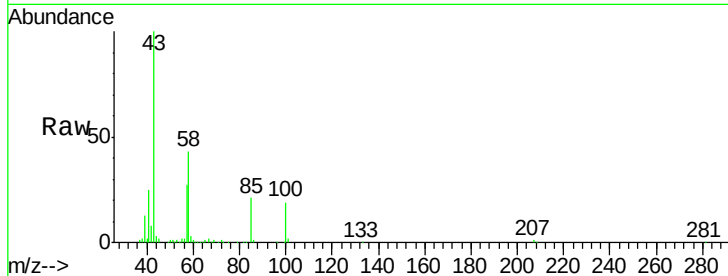
DRUM-COMP

Tot Ion: 43 Resp: 57262

Ion Ratio Lower Upper

43 100

58 43.7 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

40000

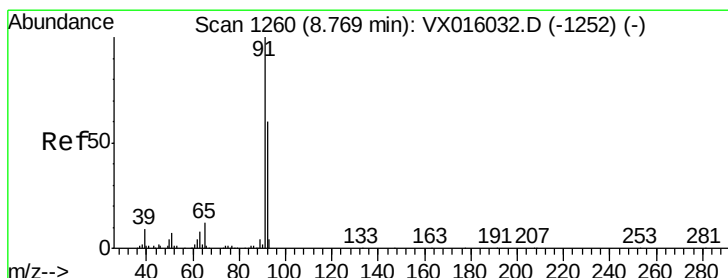
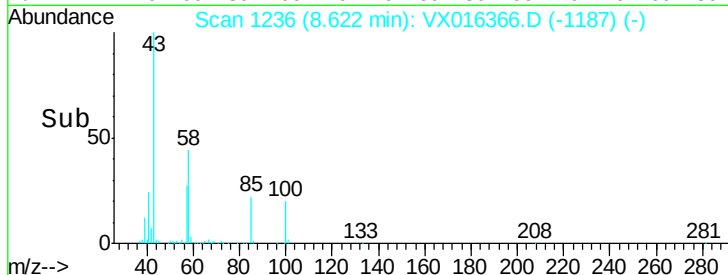
30000

20000

10000

0

Time--> 8.55 8.60 8.65



#52

Toluene

Concen: 0.680 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016366.D

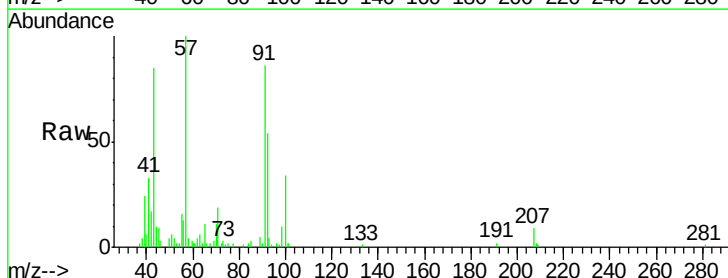
Acq: 20 May 2020 17:30

Tgt Ion: 92 Resp: 5005

Ion Ratio Lower Upper

92 100

91 174.4 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

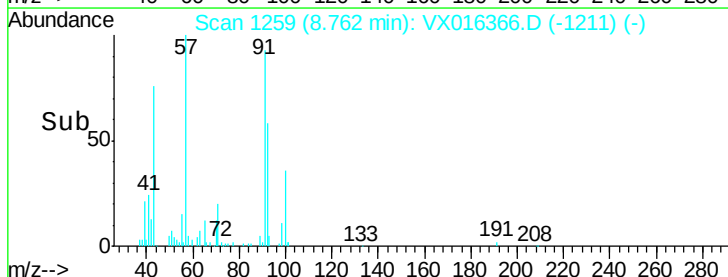
6000

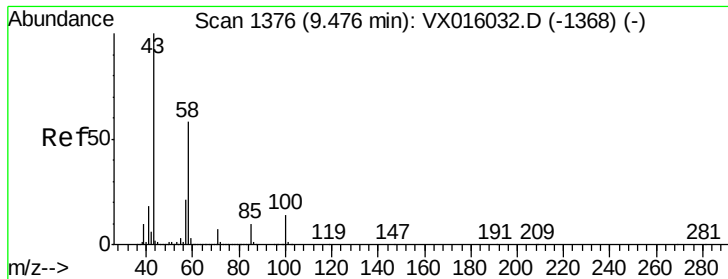
4000

2000

0

Time--> 8.70 8.75 8.80

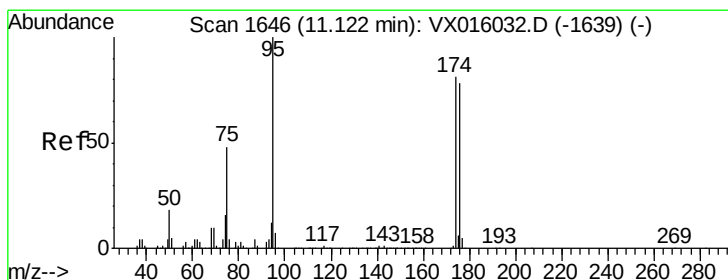
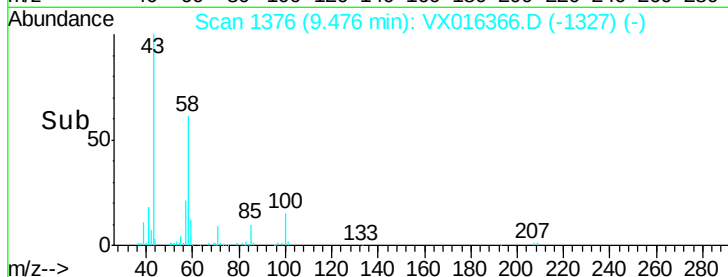
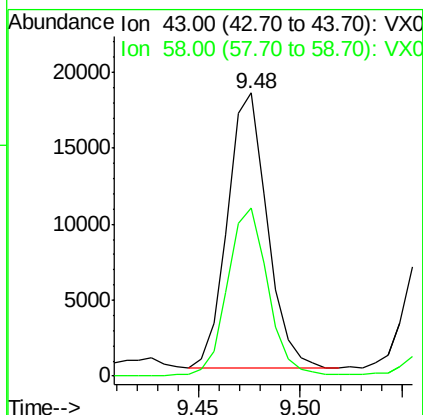
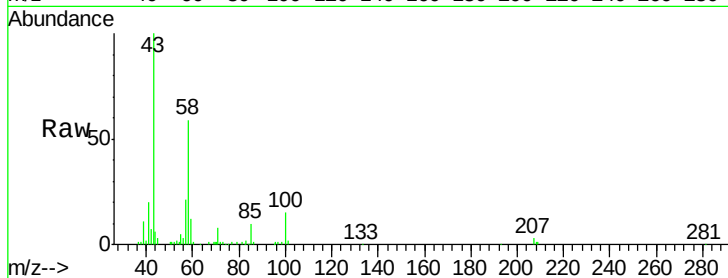




#59
 2-Hexanone
 Concen: 6.813 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: VX016366.D
 Acq: 20 May 2020 17:30

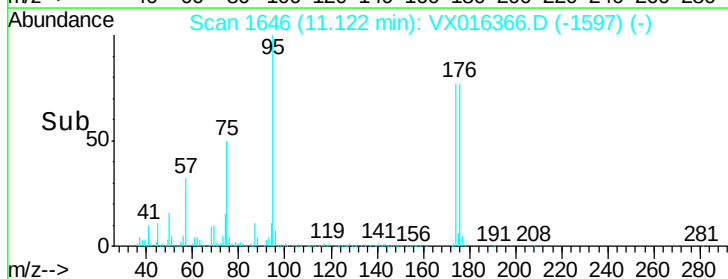
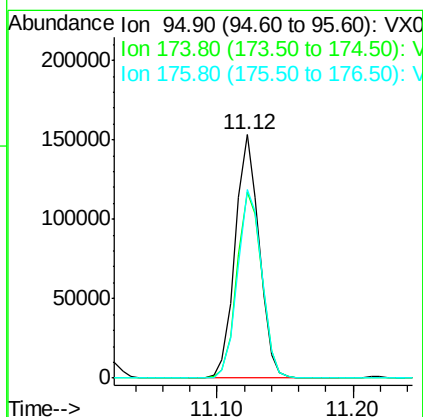
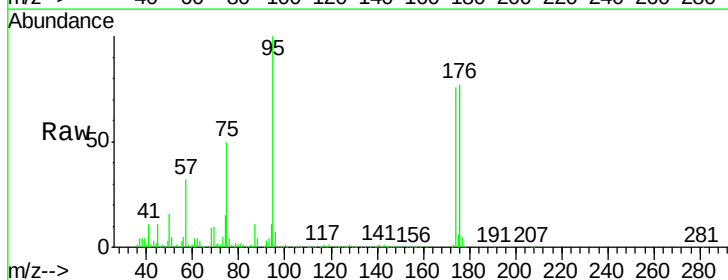
Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-COMP

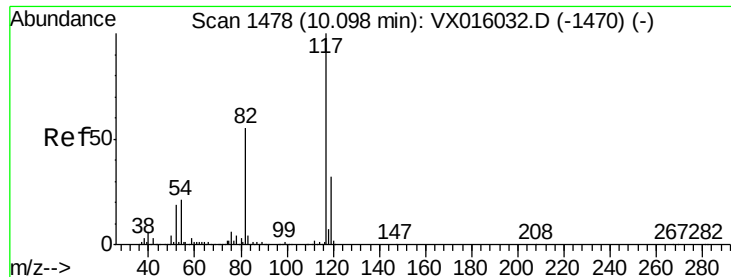
Tot Ion: 43 Resp: 24423
 Ion Ratio Lower Upper
 43 100
 58 62.6 28.6 85.9



#62
 4-Bromofluorobenzene
 Concen: 49.295 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016366.D
 Acq: 20 May 2020 17:30

Tgt Ion: 95 Resp: 187555
 Ion Ratio Lower Upper
 95 100
 174 79.4 0.0 159.4
 176 78.7 0.0 157.6

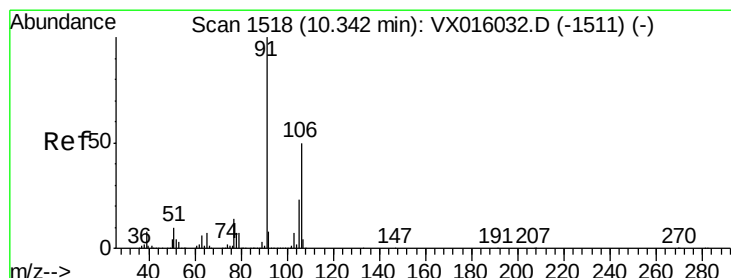
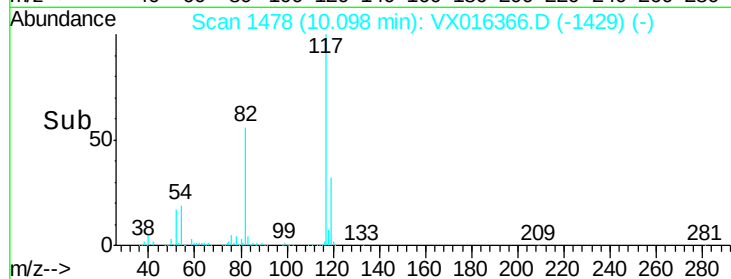
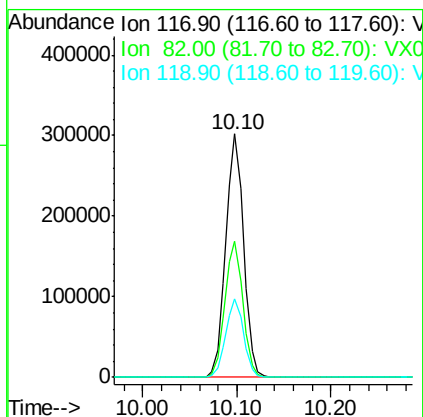
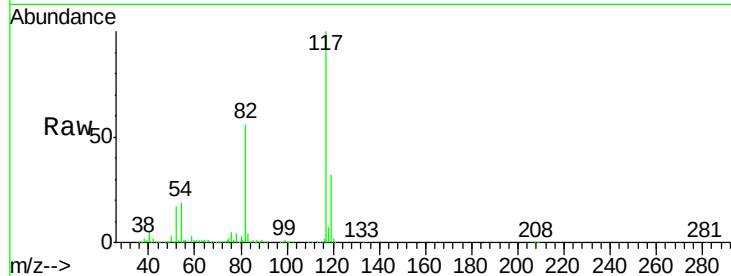




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016366.D
Acq: 20 May 2020 17:30

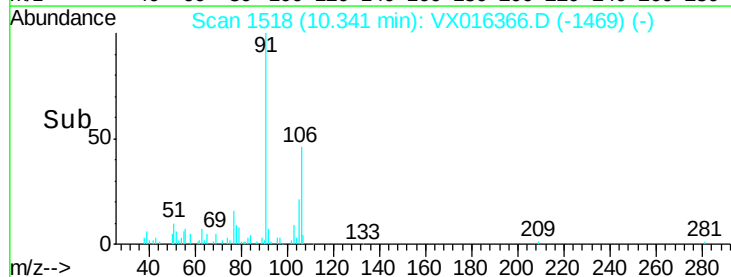
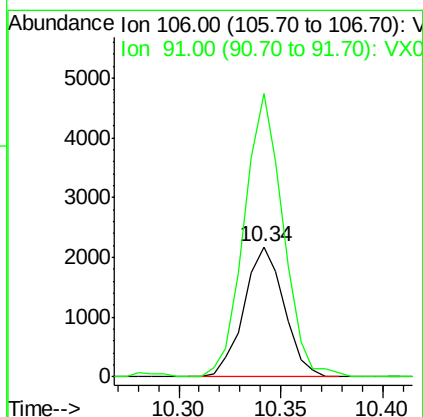
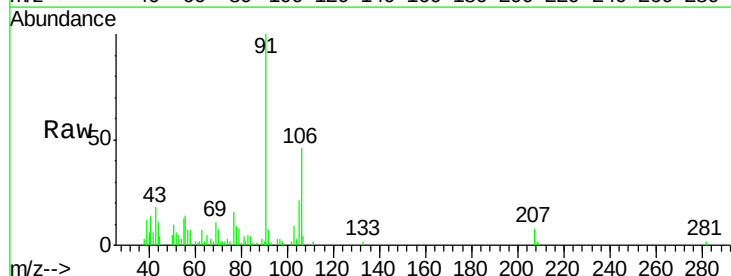
Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMP

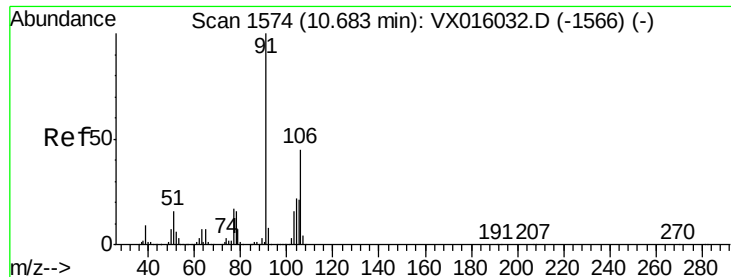
Tot Ion:117 Resp: 398943
Ion Ratio Lower Upper
117 100
82 55.7 44.4 66.6
119 32.2 25.5 38.3



#68
m/p-Xylenes
Concen: 0.534 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016366.D
Acq: 20 May 2020 17:30

Tgt Ion:106 Resp: 2982
Ion Ratio Lower Upper
106 100
91 210.7 161.7 242.5





#69

o-Xylene

Concen: 0.273 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016366.D

Acq: 20 May 2020 17:30

Instrument :

MSVOA_X

ClientSampled :

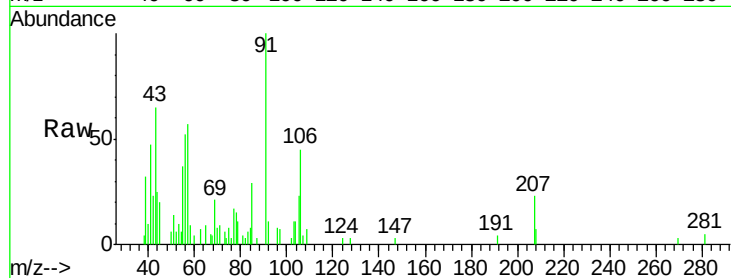
DRUM-COMP

Tot Ion:106 Resp: 1468

Ion Ratio Lower Upper

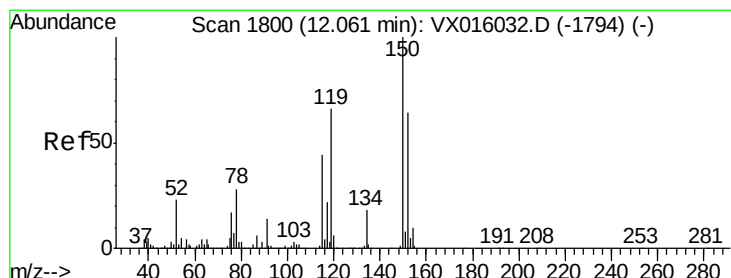
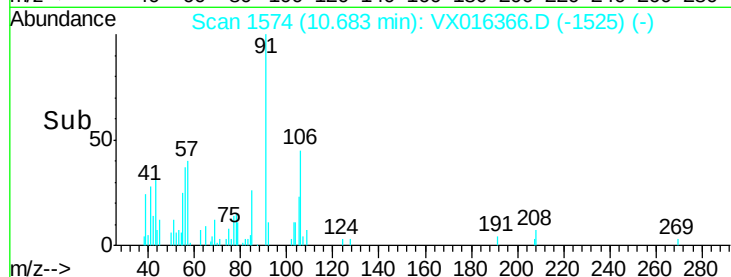
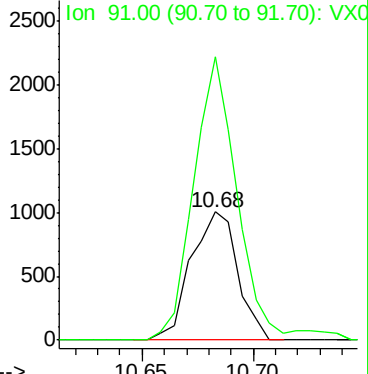
106 100

91 208.4 107.5 322.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016366.D

Acq: 20 May 2020 17:30

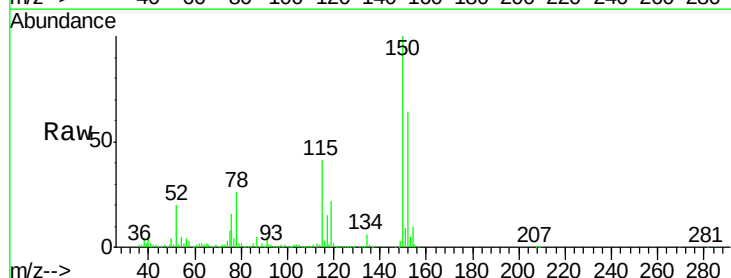
Tgt Ion:152 Resp: 198359

Ion Ratio Lower Upper

152 100

115 66.6 41.3 124.1

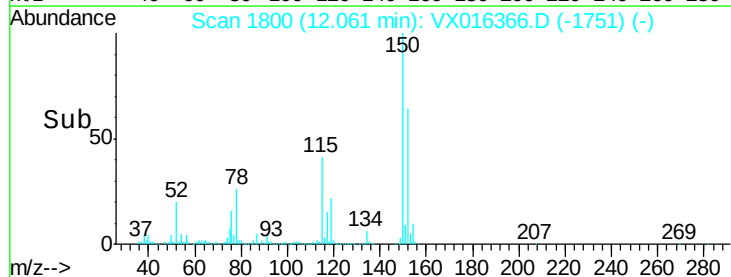
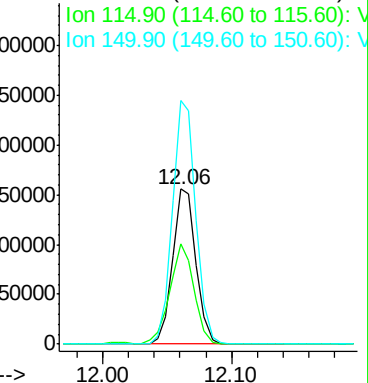
150 156.6 0.0 352.2

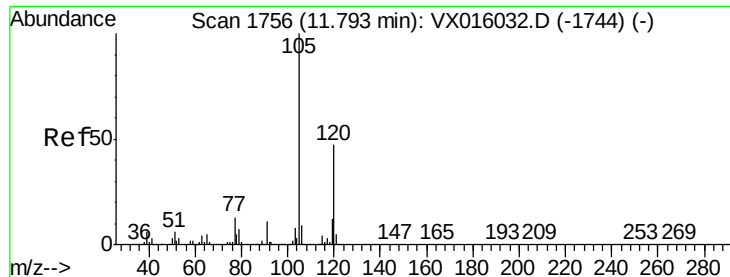


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 2.189 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016366.D

Acq: 20 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

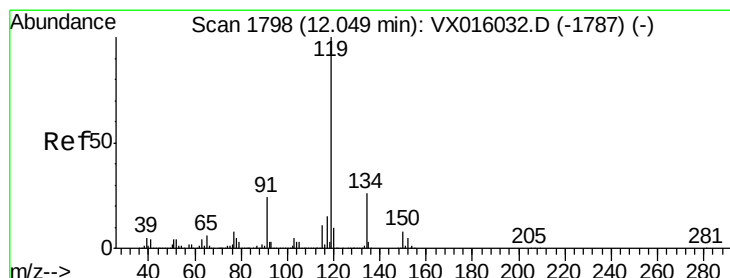
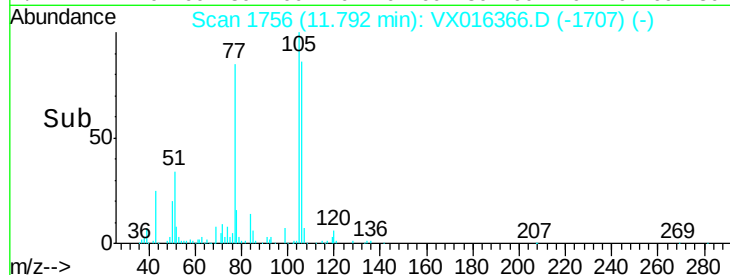
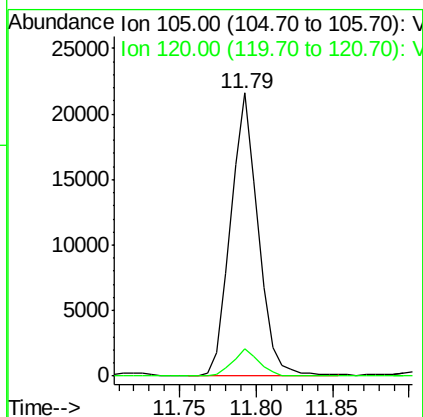
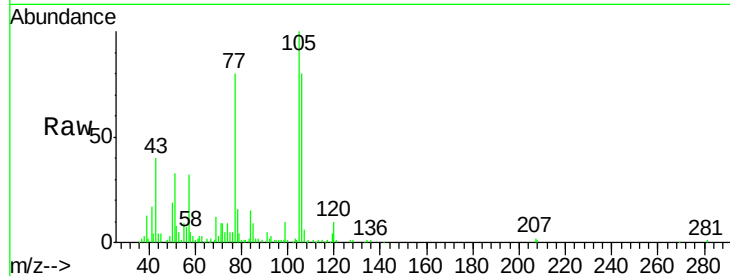
DRUM-COMP

Tot Ion:105 Resp: 26959

Ion Ratio Lower Upper

105 100

120 9.2 23.0 69.0#



#86

p-Isopropyltoluene

Concen: 15.531 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016366.D

Acq: 20 May 2020 17:30

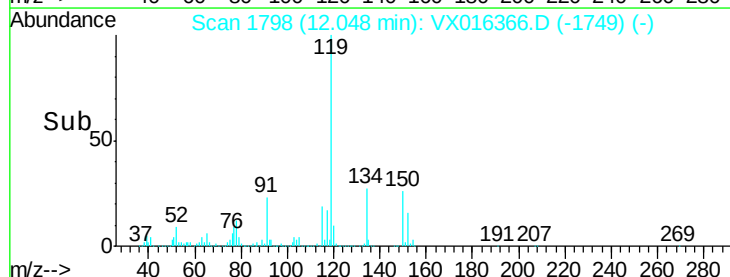
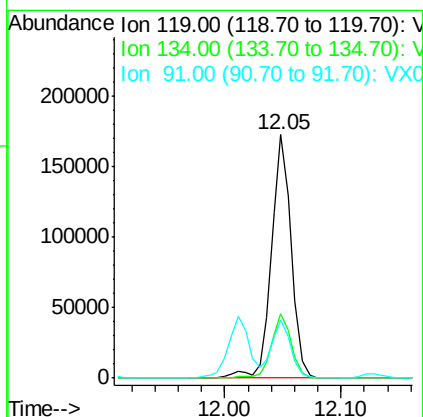
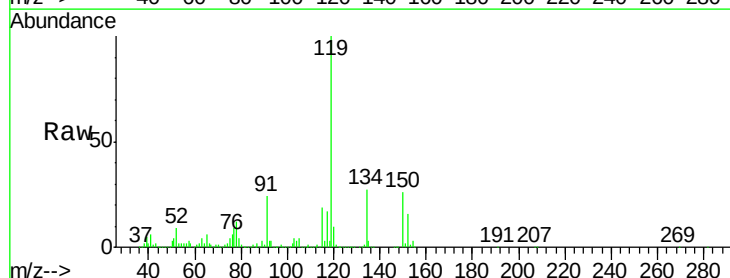
Tgt Ion:119 Resp: 204386

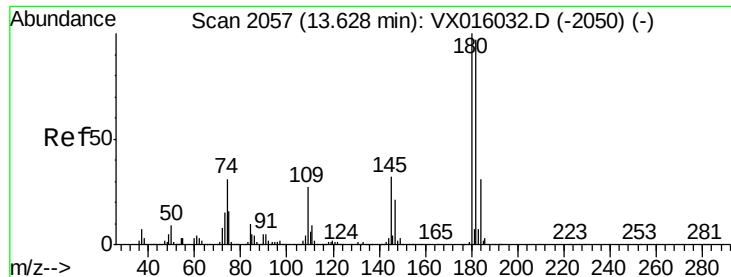
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 23.1 11.8 35.4





#93

1,2,4-Trichlorobenzene

Concen: 0.391 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016366.D

Acq: 20 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

DRUM-COMP

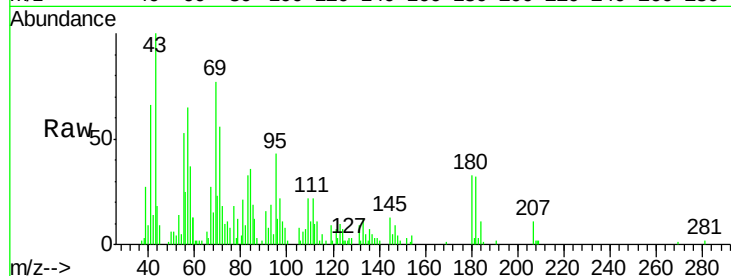
Tot Ion:180 Resp: 1862

Ion Ratio Lower Upper

180 100

182 91.5 48.7 146.1

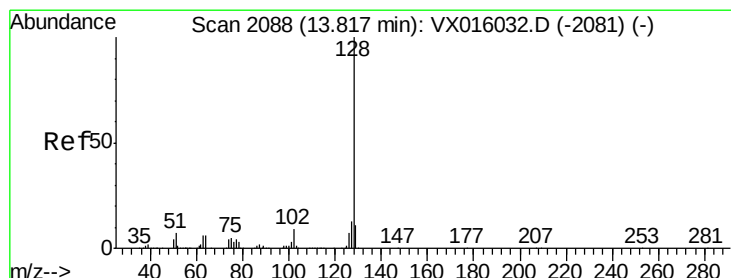
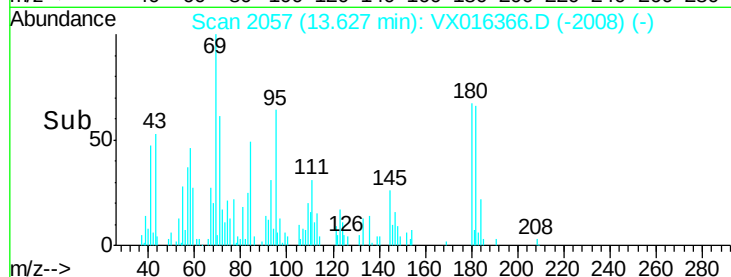
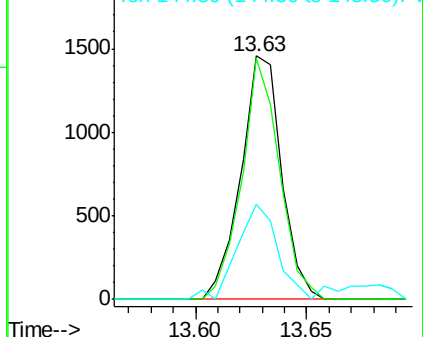
145 38.4 15.7 47.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 0.372 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016366.D

Acq: 20 May 2020 17:30

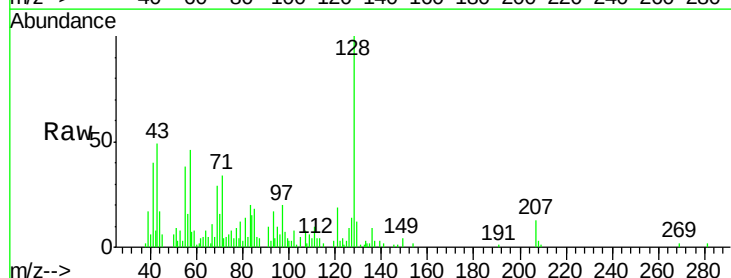
Tgt Ion:128 Resp: 5737

Ion Ratio Lower Upper

128 100

127 15.0 10.2 15.4

129 12.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

