

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\
 Data File : VX016288.D
 Acq On : 15 May 2020 18:05
 Operator : JC/SP
 Sample : L2641-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OIL-WATER-SEPERATOR-2

Quant Time: May 16 08:12:59 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

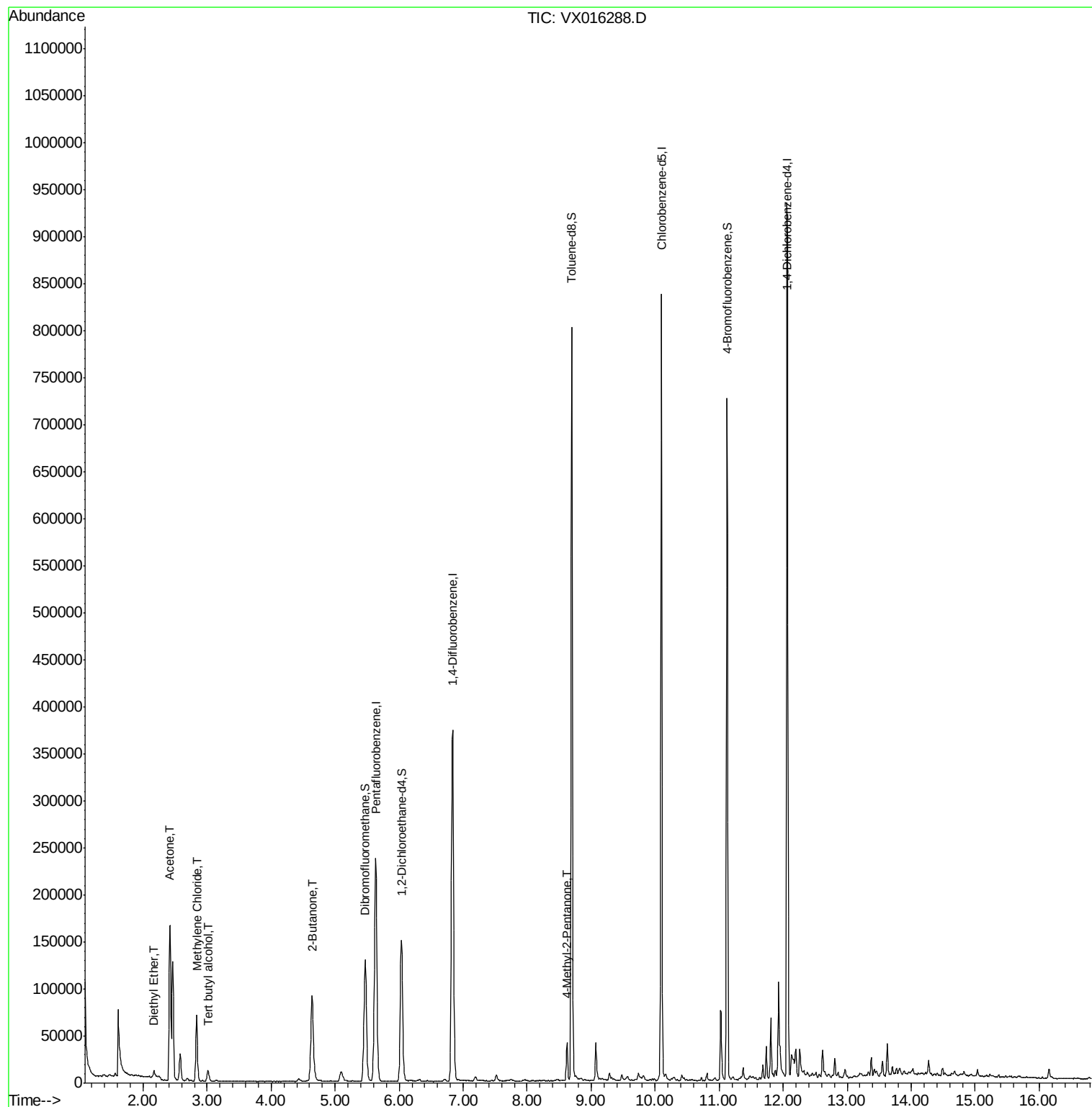
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	231967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	387003	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	381255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	196544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	140920	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
35) Dibromofluoromethane	5.47	113	114071	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
50) Toluene-d8	8.70	98	479935	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.12	95	194475	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	
Target Compounds						
8) Diethyl Ether	2.17	74	2776	1.650	ug/l	84
11) Tert butyl alcohol	3.01	59	14201	18.398	ug/l	99
16) Acetone	2.42	43	176530	129.613	ug/l	95
20) Methylene Chloride	2.84	84	32791	11.679	ug/l	97
25) 2-Butanone	4.64	43	158184	72.076	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	22150	5.138	ug/l	97

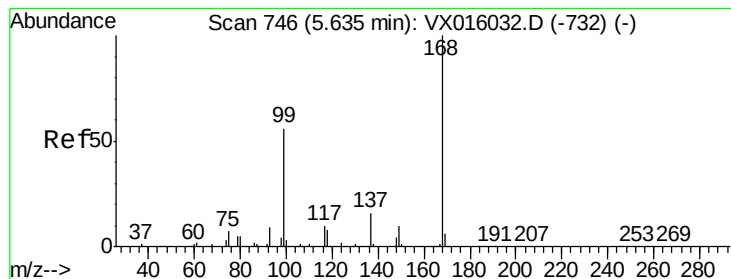
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
OIL-WATER-SEPERATOR-2

Quant Time: May 16 08:12:59 2020
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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: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016288.D

Acq: 15 May 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

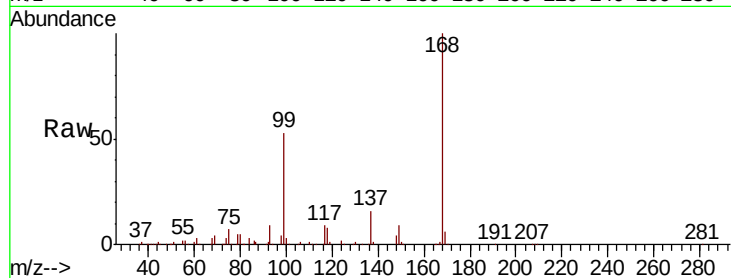
OIL-WATER-SEPARATOR-2

Tot Ion:168 Resp: 231967

Ion Ratio Lower Upper

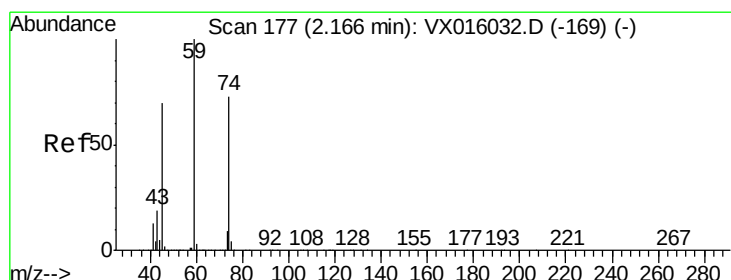
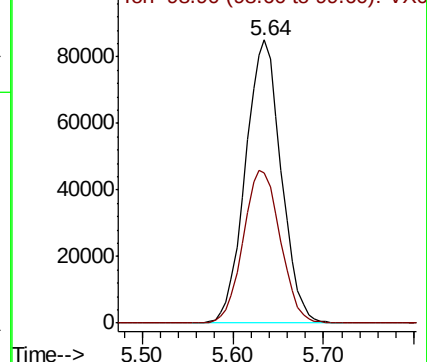
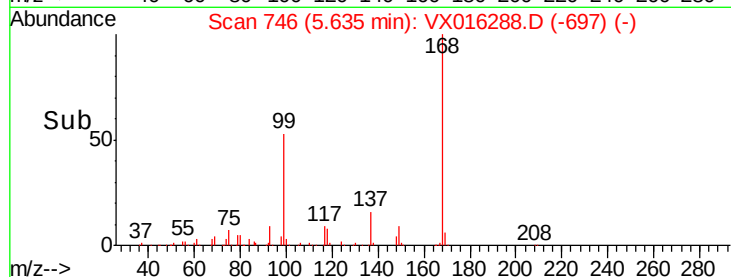
168 100

99 53.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 1.650 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX016288.D

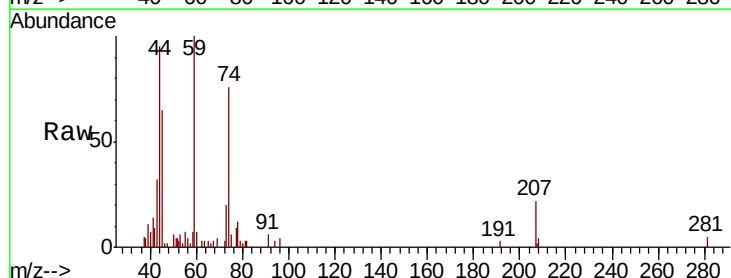
Acq: 15 May 2020 18:05

Tgt Ion: 74 Resp: 2776

Ion Ratio Lower Upper

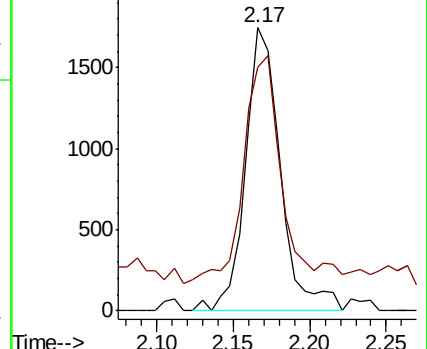
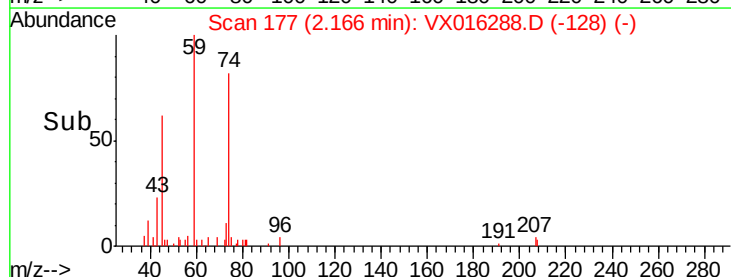
74 100

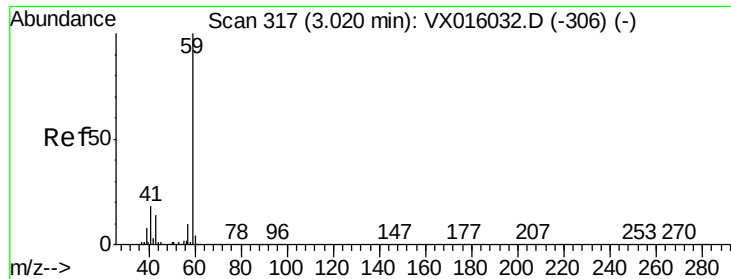
45 79.6 47.3 142.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



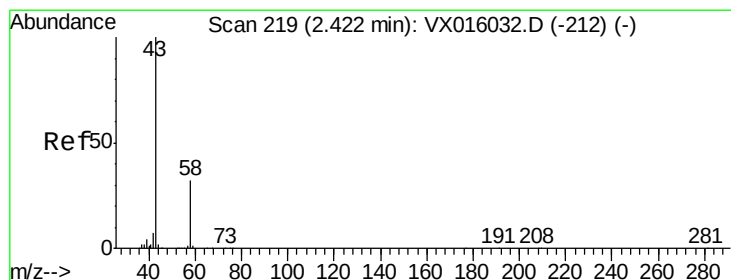
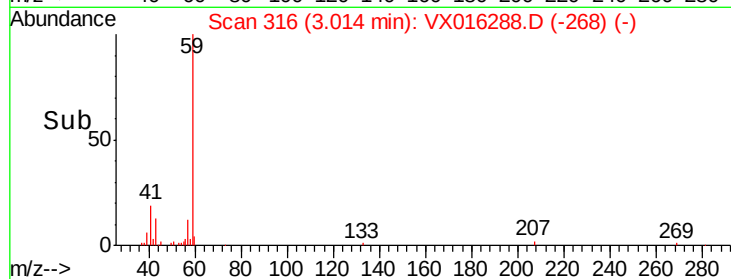
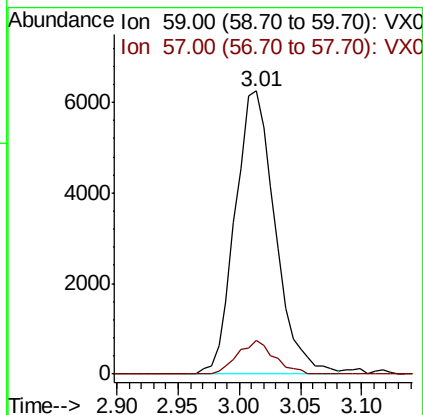
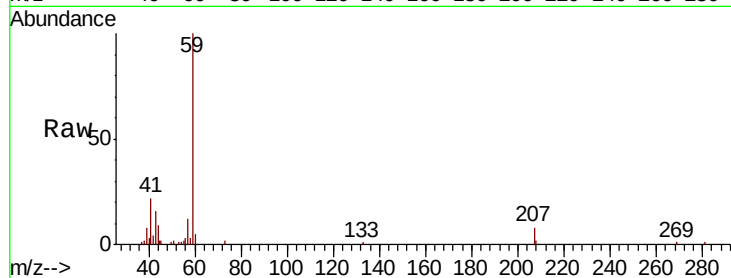


#11

Tert butyl alcohol
 Concen: 18.398 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016288.D
 Acq: 15 May 2020 18:05

Instrument :
 MSVOA_X
 ClientSampleId :
 OIL-WATER-SEPARATOR-2

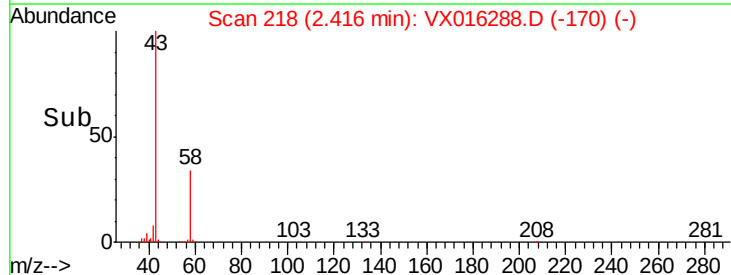
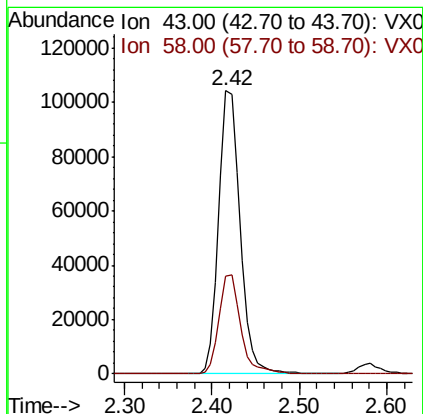
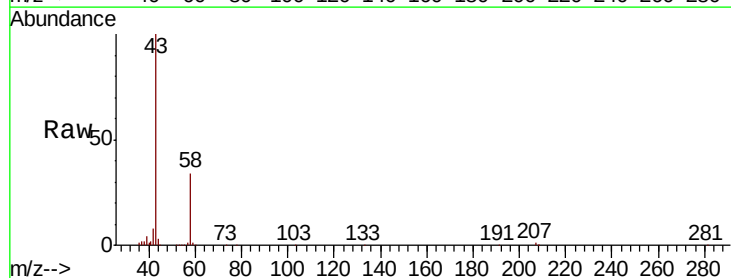
Tot Ion: 59 Resp: 14201
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.2 12.4

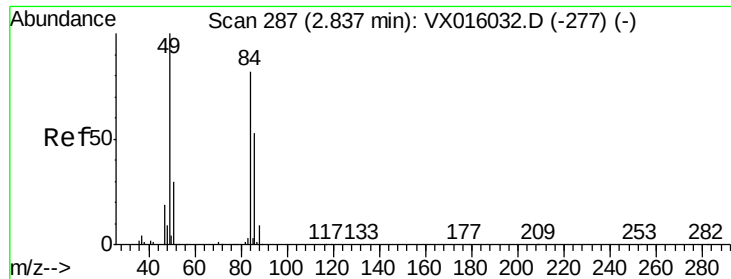


#16

Acetone
 Concen: 129.613 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016288.D
 Acq: 15 May 2020 18:05

Tgt Ion: 43 Resp: 176530
 Ion Ratio Lower Upper
 43 100
 58 34.4 25.4 38.0

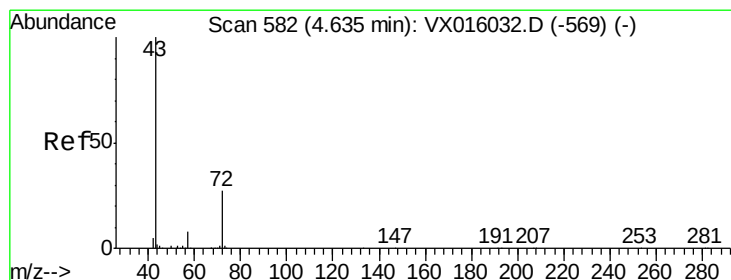
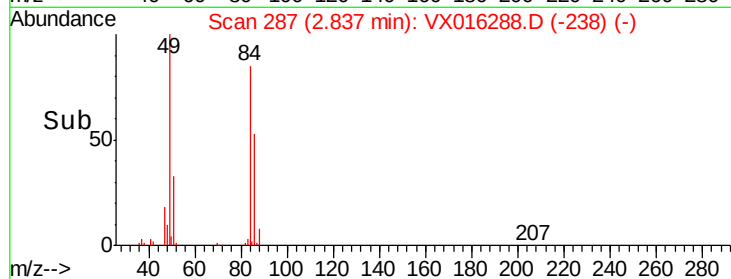
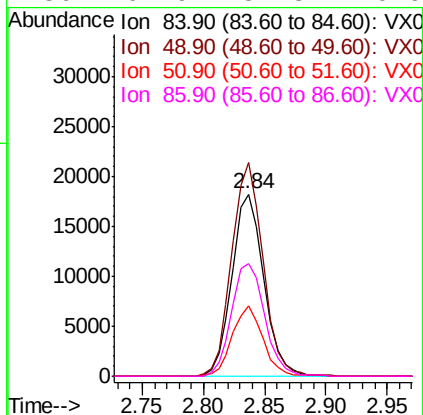
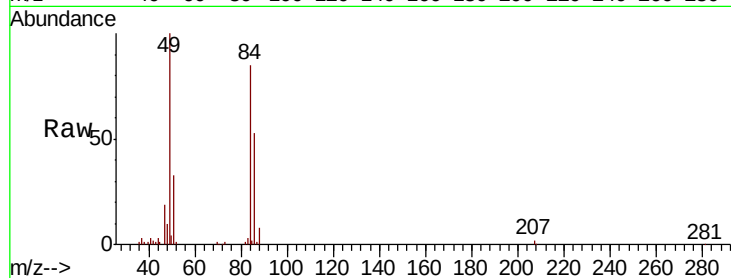




#20
Methvlene Chloride
Concen: 11.679 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016288.D
Acq: 15 May 2020 18:05

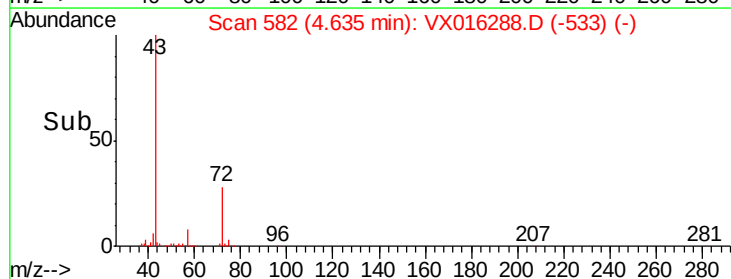
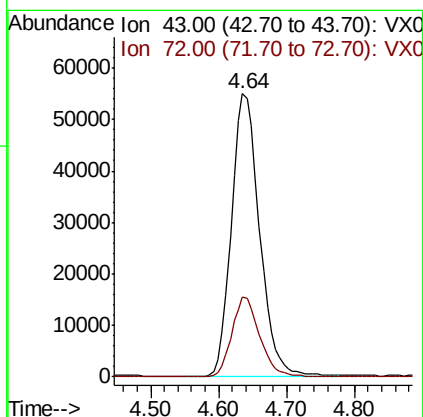
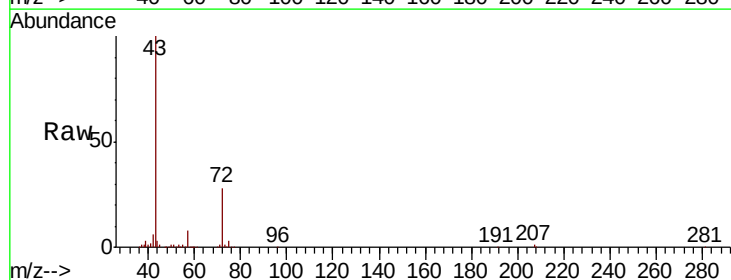
Instrument :
MSVOA_X
ClientSampleId :
OIL-WATER-SEPERATOR-2

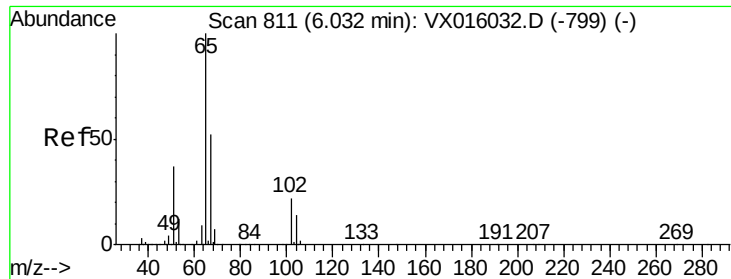
Tot Ion:	84	Resp:	32791
Ion	Ratio	Lower	Upper
84	100		
49	117.4	97.3	145.9
51	38.5	29.3	43.9
86	61.9	51.3	76.9



#25
2-Butanone
Concen: 72.076 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016288.D
Acq: 15 May 2020 18:05

Tgt Ion:	43	Resp:	158184
Ion	Ratio	Lower	Upper
43	100		
72	28.3	21.8	32.8

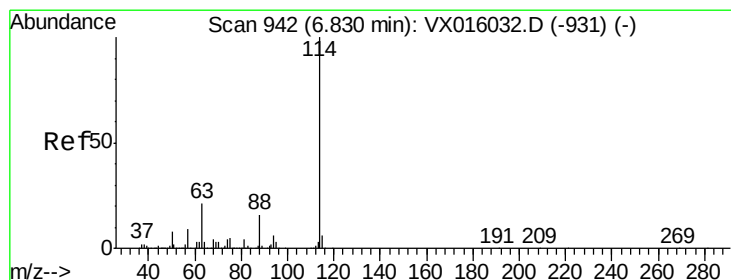
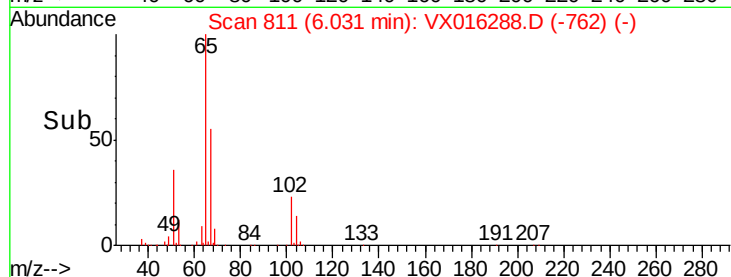
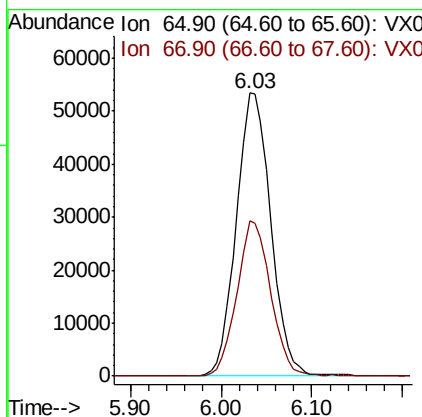
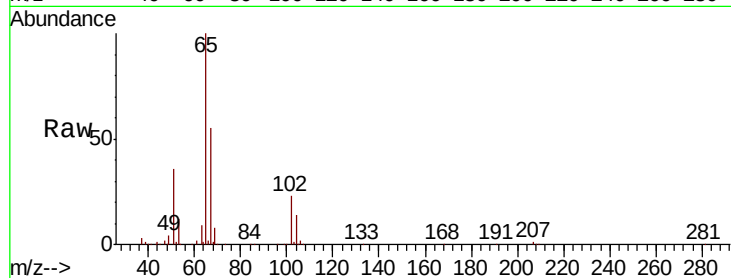




#33
 1,2-Dichloroethane-d4
 Concen: 46.166 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016288.D
 Acq: 15 May 2020 18:05

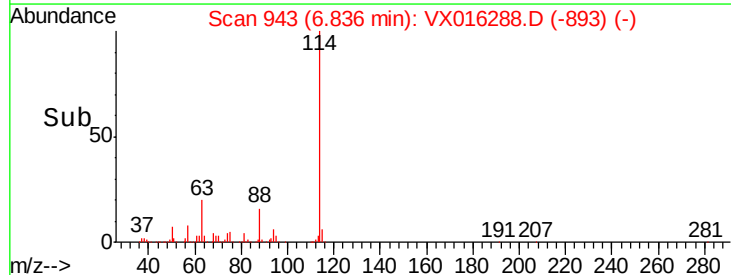
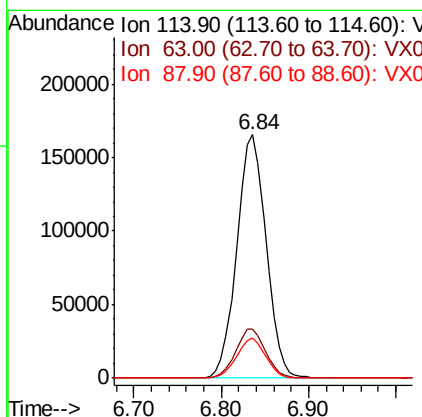
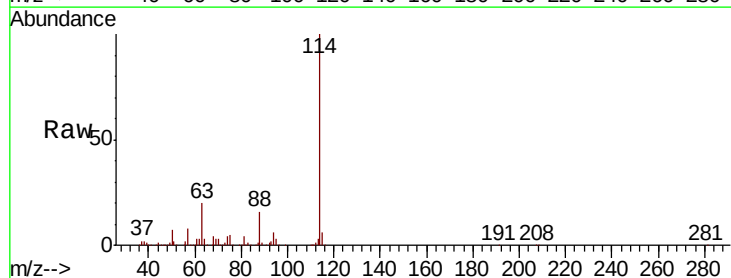
Instrument :
 MSVOA_X
 ClientSampleId :
 OIL-WATER-SEPERATOR-2

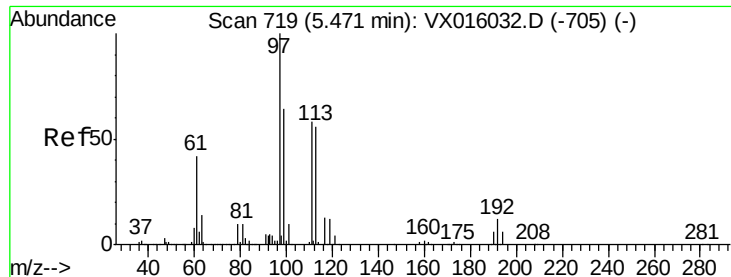
Tot Ion: 65 Resp: 140920
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016288.D
 Acq: 15 May 2020 18:05

Tgt Ion: 114 Resp: 387003
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.8
 88 16.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.525 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016288.D

Acq: 15 May 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

OIL-WATER-SEPARATOR-2

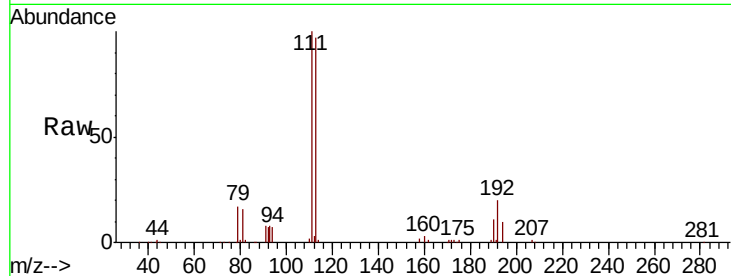
Tot Ion:113 Resp: 114071

Ion Ratio Lower Upper

113 100

111 101.3 81.6 122.4

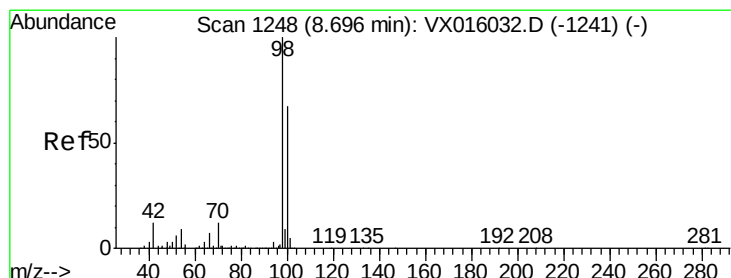
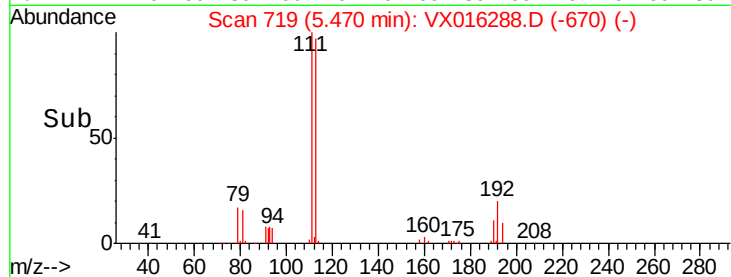
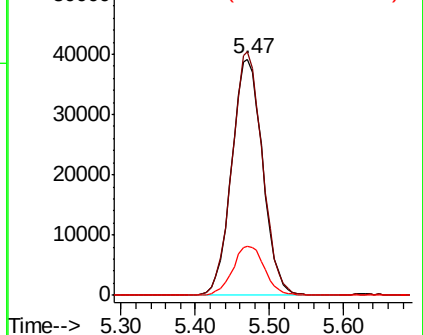
192 21.4 17.0 25.4



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: 50.803 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016288.D

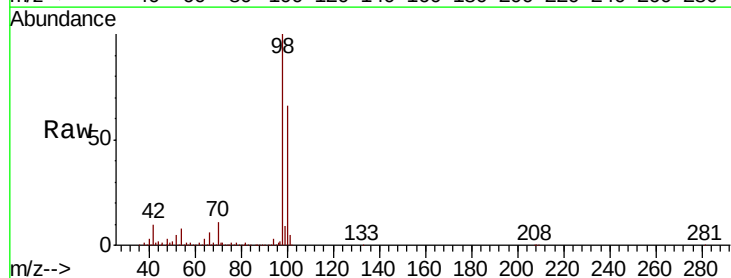
Acq: 15 May 2020 18:05

Tgt Ion: 98 Resp: 479935

Ion Ratio Lower Upper

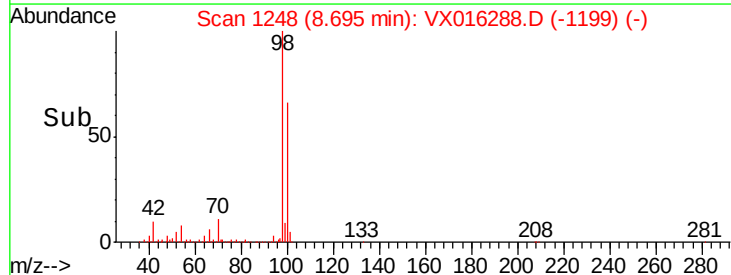
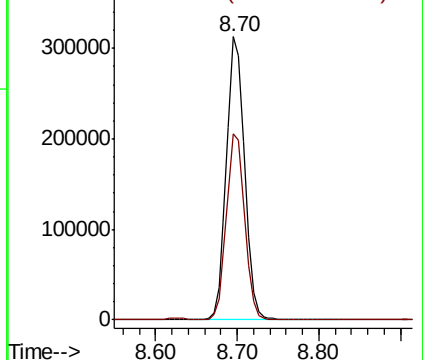
98 100

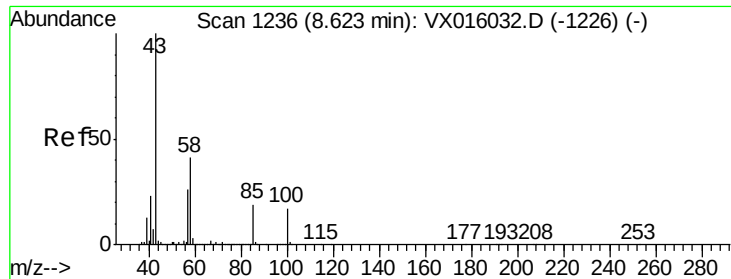
100 66.0 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 5.138 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016288.D

Acq: 15 May 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

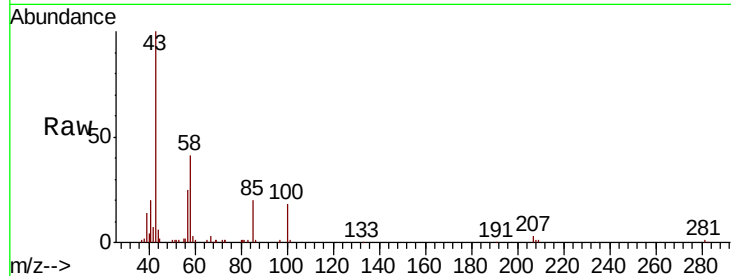
OIL-WATER-SEPARATOR-2

Tot Ion: 43 Resp: 22150

Ion Ratio Lower Upper

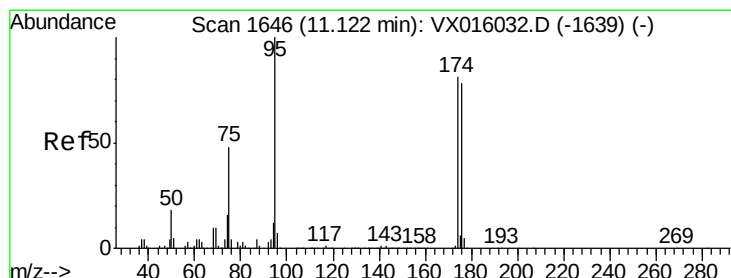
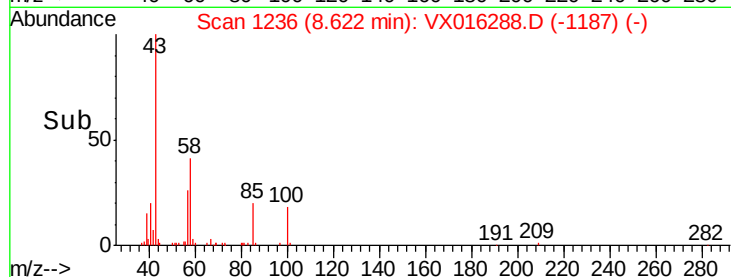
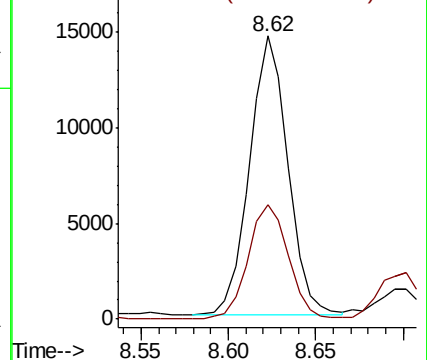
43 100

58 43.1 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 54.123 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016288.D

Acq: 15 May 2020 18:05

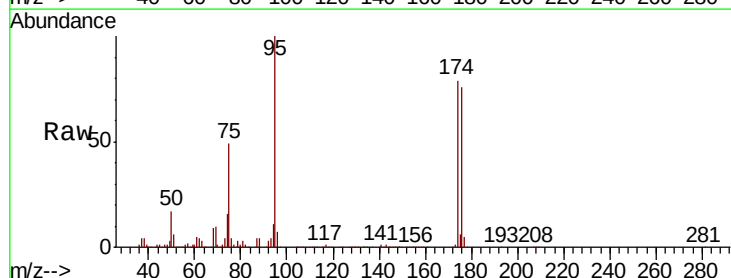
Tgt Ion: 95 Resp: 194475

Ion Ratio Lower Upper

95 100

174 78.4 0.0 159.4

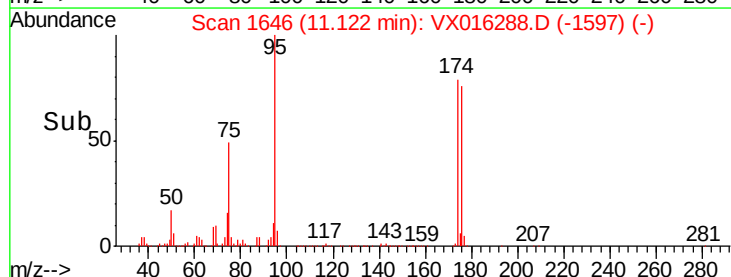
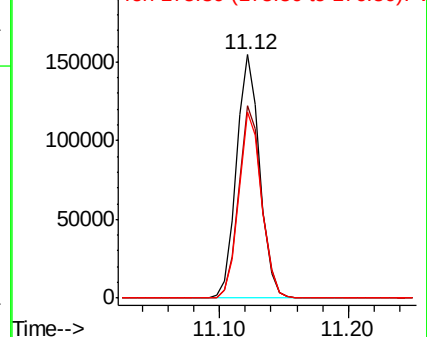
176 75.4 0.0 157.6

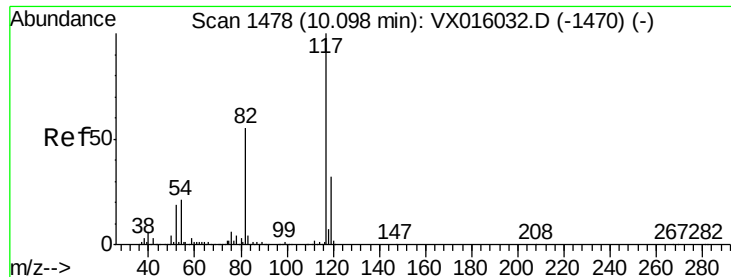


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

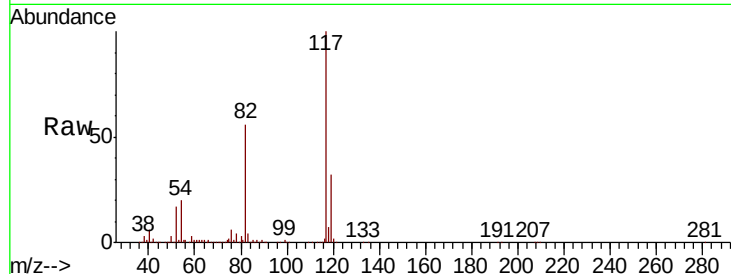




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016288.D
Acq: 15 May 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :
OIL-WATER-SEPARATOR-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.4	66.6
119	31.7	25.5	38.3

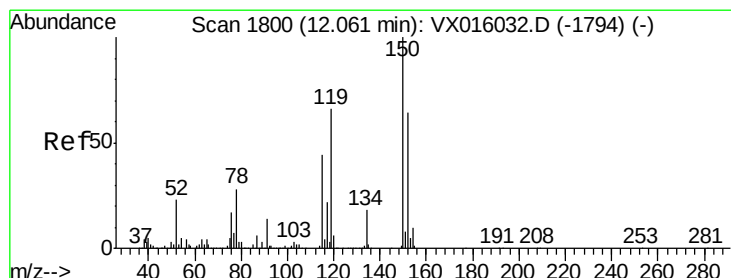
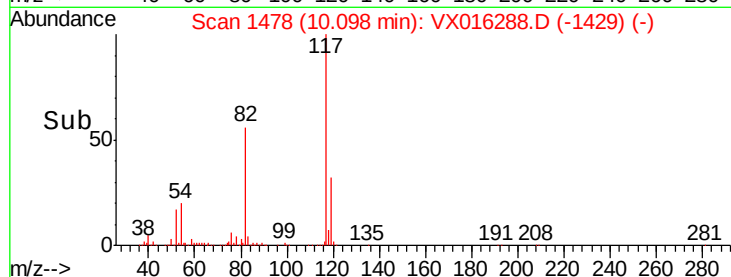
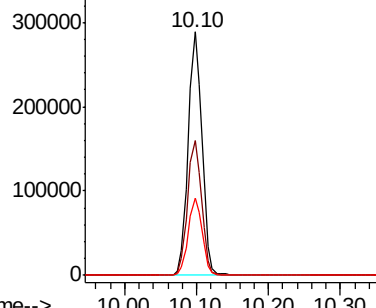


Abundance

Ion 116.90 (116.60 to 117.60): V

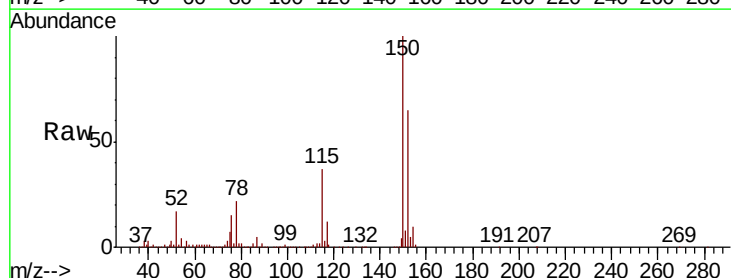
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1801
Delta R.T. 0.01 min
Lab File: VX016288.D
Acq: 15 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	41.3	124.1
150	157.9	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

