

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060820\
 Data File : VX016638.D
 Acq On : 08 Jun 2020 15:06
 Operator : JC/SP
 Sample : PB129340ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB129340ZHE#05

Quant Time: Jun 09 06:09:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

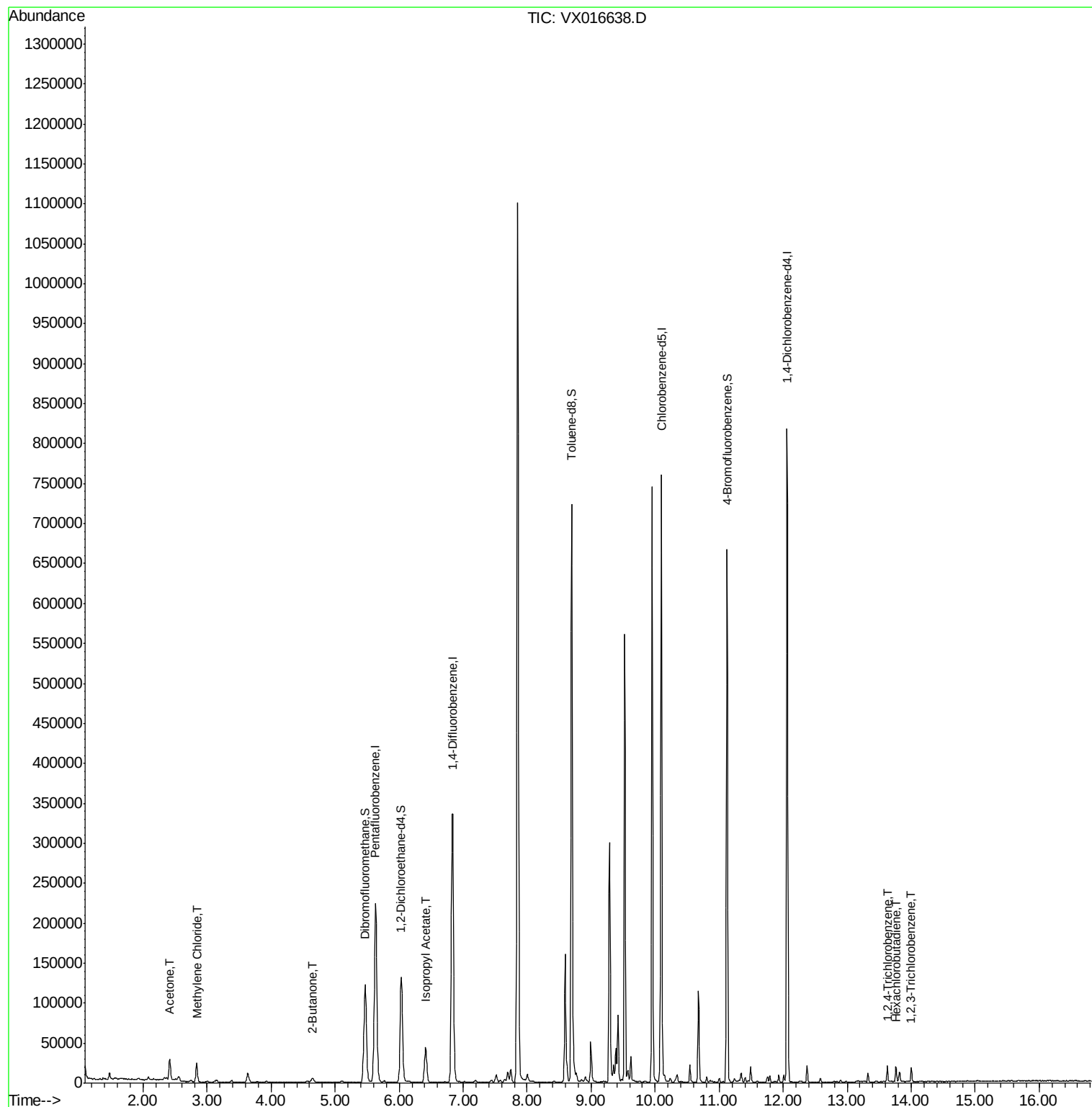
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	223484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	355516	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	353496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	172452	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	129094	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
35) Dibromofluoromethane	5.47	113	106204	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	8.70	98	437715	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	11.12	95	170984	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
Target Compounds						
16) Acetone	2.42	43	28268	23.248	ug/l	97
20) Methylene Chloride	2.84	84	11003	4.374	ug/l	95
25) 2-Butanone	4.64	43	5731	2.782	ug/l	98
43) Isopropyl Acetate	6.41	43	59094	9.375	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	4751	1.360	ug/l	95
94) Hexachlorobutadiene	13.76	225	3193	2.328	ug/l	95
96) 1,2,3-Trichlorobenzene	14.01	180	4483	1.310	ug/l	98

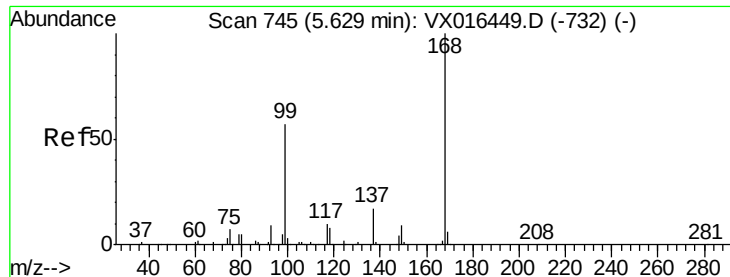
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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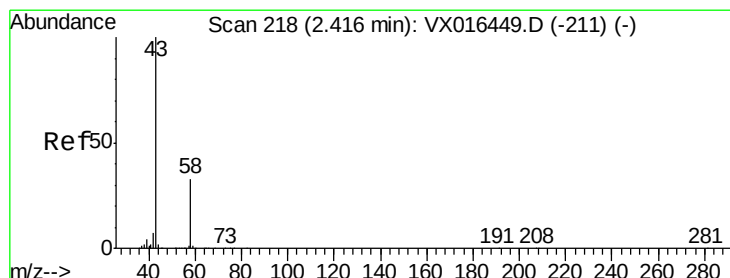
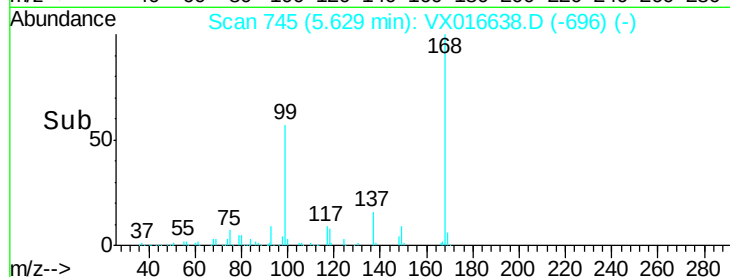
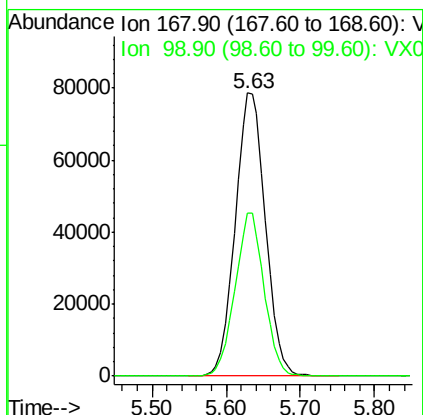
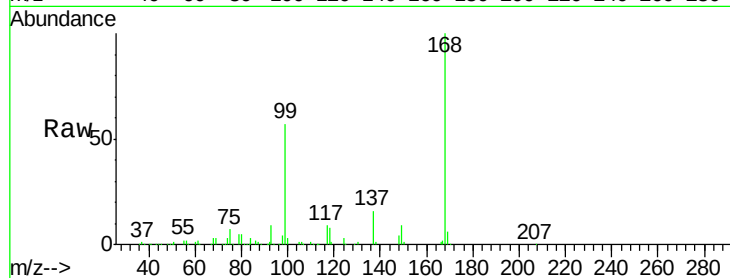




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX016638.D
Acq: 08 Jun 2020 15:06

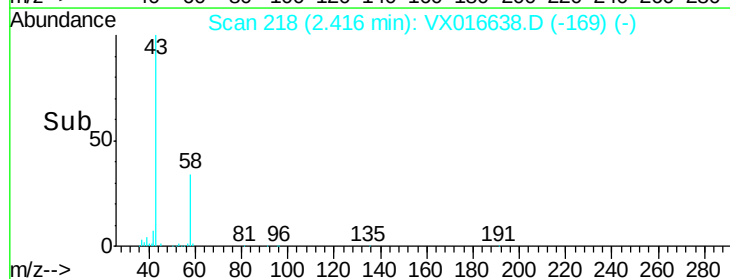
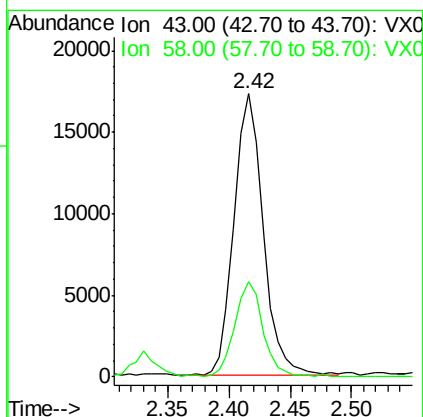
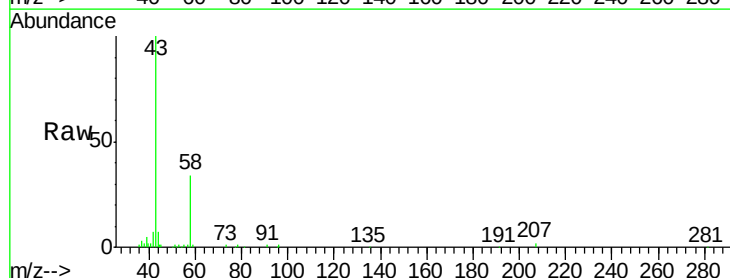
Instrument :
MSVOA_X
ClientSampleId :
PB129340ZHE#05

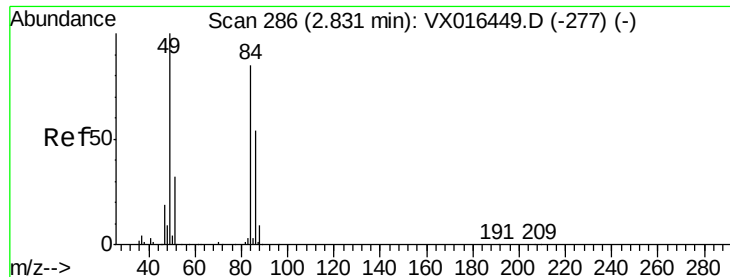
Tot Ion:168 Resp: 223484
Ion Ratio Lower Upper
168 100
99 57.4 45.2 67.8



#16
Acetone
Concen: 23.248 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX016638.D
Acq: 08 Jun 2020 15:06

Tgt Ion: 43 Resp: 28268
Ion Ratio Lower Upper
43 100
58 34.1 26.1 39.1

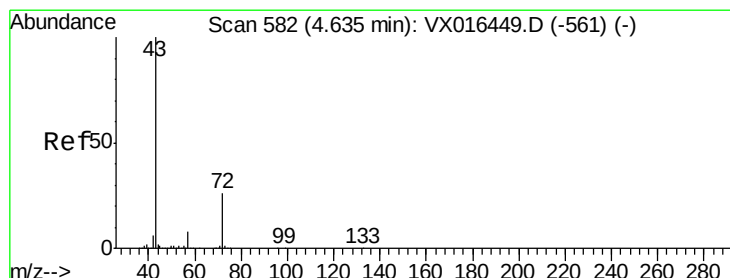
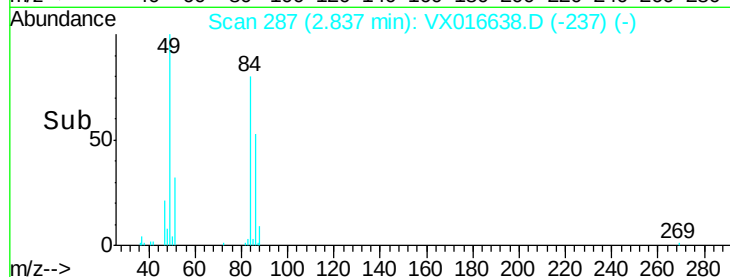
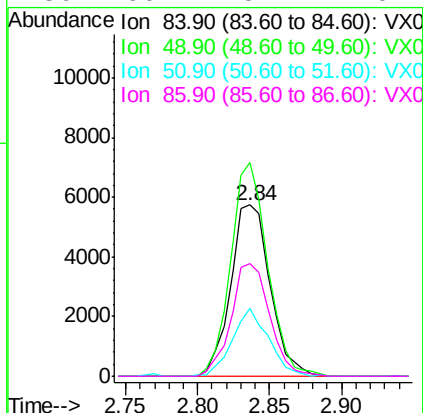
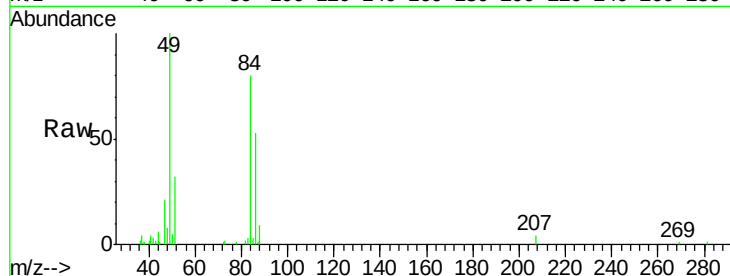




#20
Methvlene Chloride
Concen: 4.374 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016638.D
Acq: 08 Jun 2020 15:06

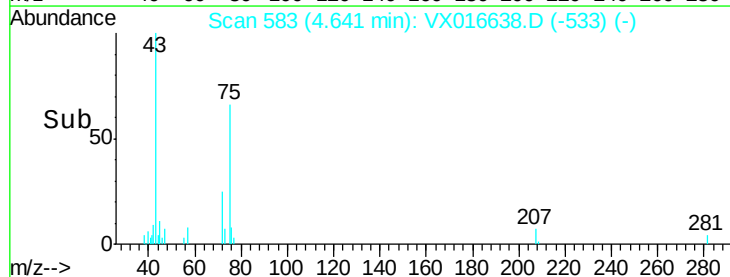
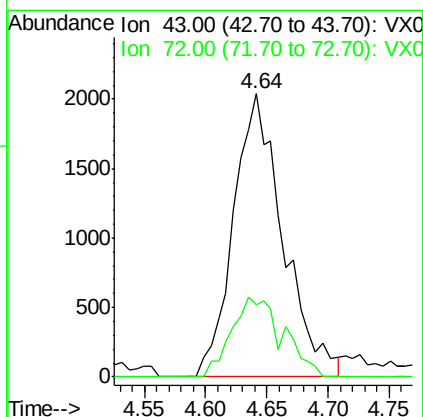
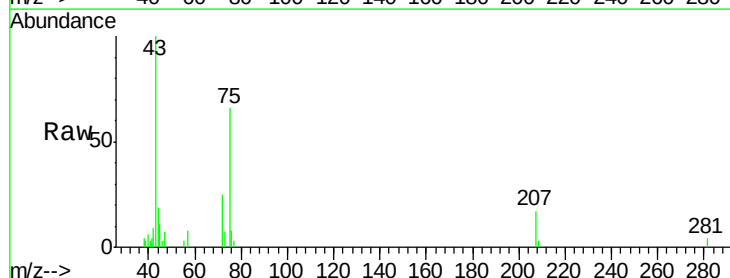
Instrument :
MSVOA_X
ClientSampleId :
PB129340ZHE#05

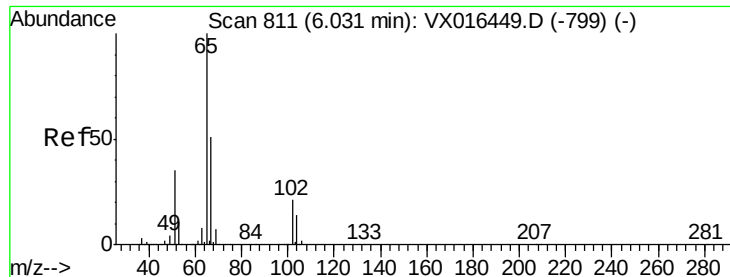
Tot Ion:	84	Resp:	11003
Ion	Ratio	Lower	Upper
84	100		
49	124.8	94.5	141.7
51	39.6	30.2	45.4
86	66.1	51.1	76.7



#25
2-Butanone
Concen: 2.782 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016638.D
Acq: 08 Jun 2020 15:06

Tgt Ion:	43	Resp:	5731
Ion	Ratio	Lower	Upper
43	100		
72	25.5	21.0	31.6

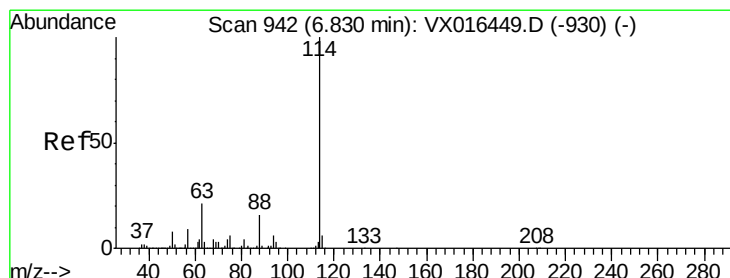
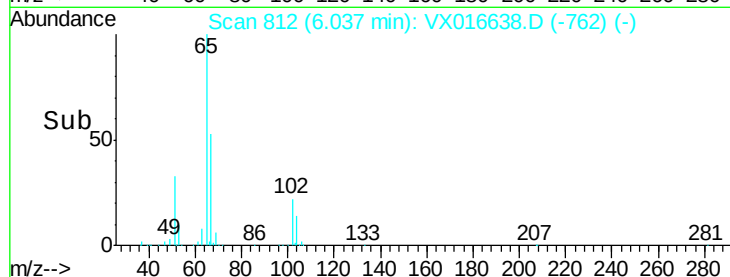
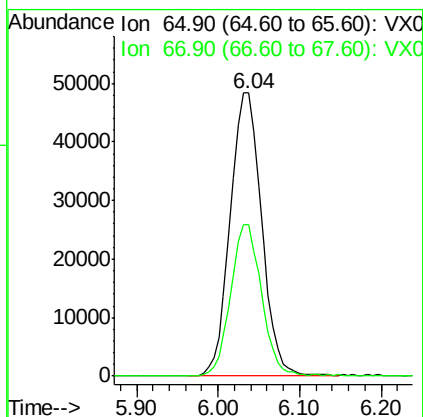
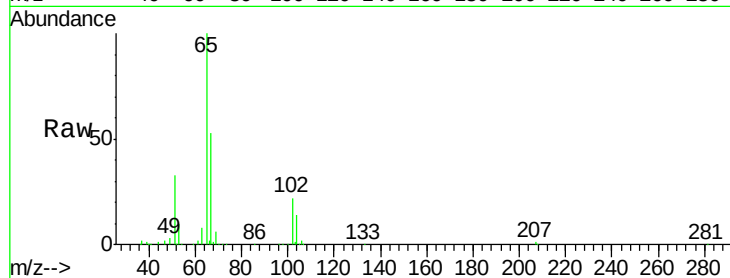




#33
 1,2-Dichloroethane-d4
 Concen: 46.514 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016638.D
 Acq: 08 Jun 2020 15:06

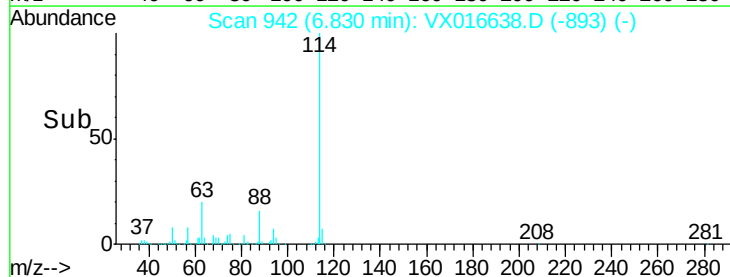
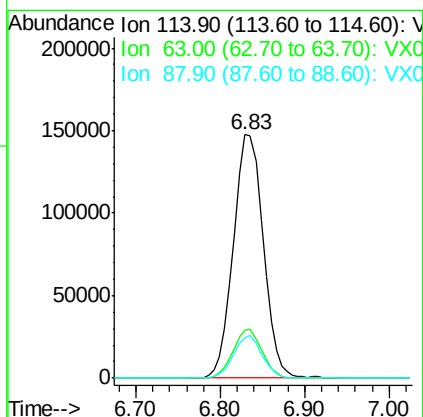
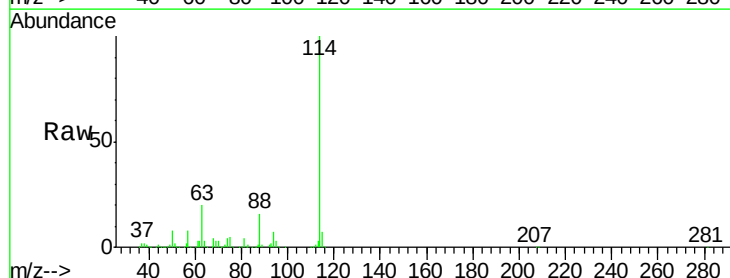
Instrument :
 MSVOA_X
 ClientSampleId :
 PB129340ZHE#05

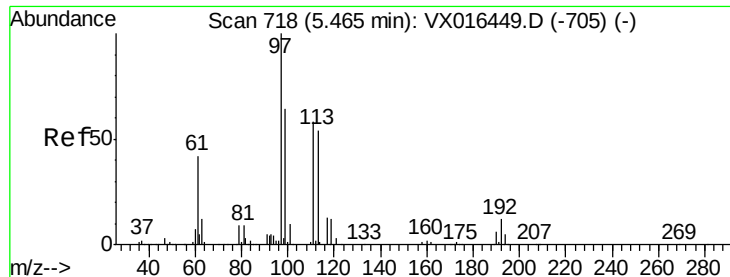
Tot Ion: 65 Resp: 129094
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016638.D
 Acq: 08 Jun 2020 15:06

Tgt Ion: 114 Resp: 355516
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.6
 88 16.4 0.0 32.8

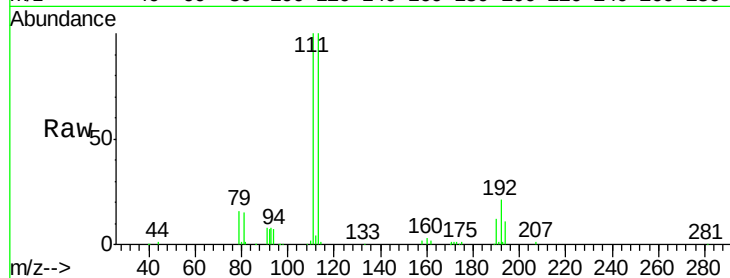




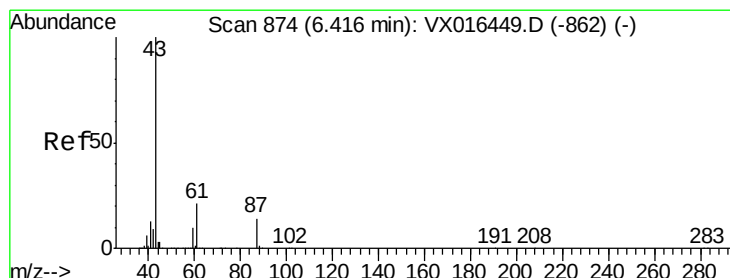
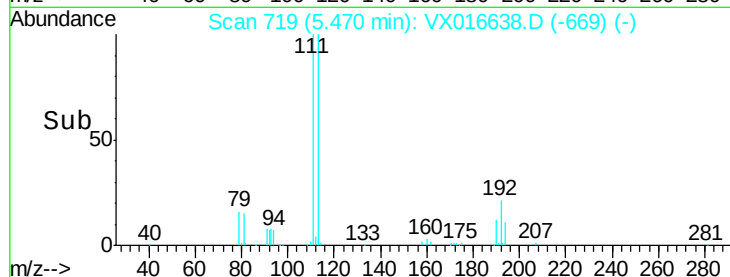
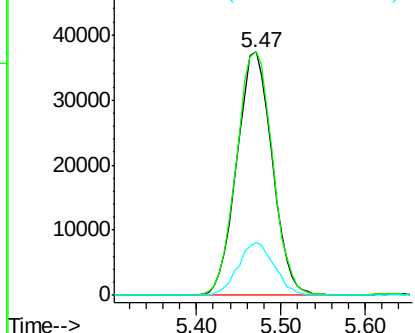
#35
 Dibromofluoromethane
 Concen: 48.516 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016638.D
 Acq: 08 Jun 2020 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 PB129340ZHE#05

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.0	124.6
192	22.1	17.7	26.5

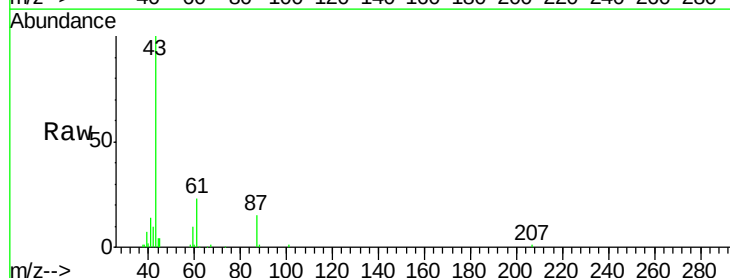


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

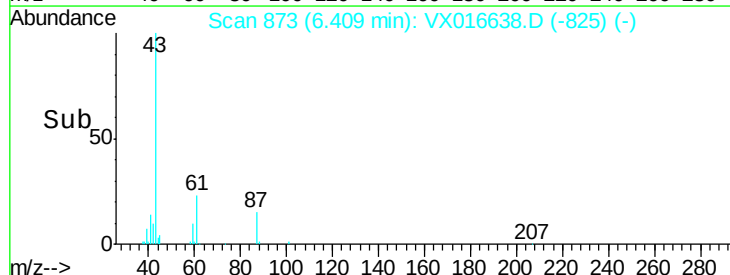
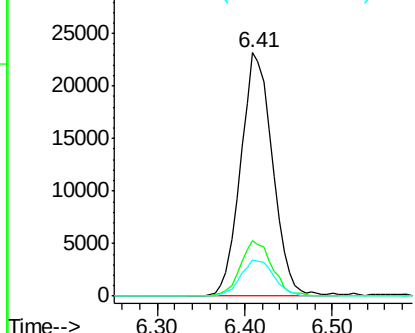


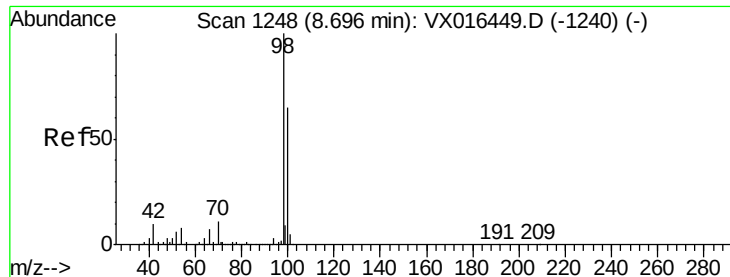
#43
 Isopropyl Acetate
 Concen: 9.375 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016638.D
 Acq: 08 Jun 2020 15:06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.4	16.8	25.2
87	15.2	11.2	16.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.373 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016638.D

Acq: 08 Jun 2020 15:06

Instrument :

MSVOA_X

ClientSampleId :

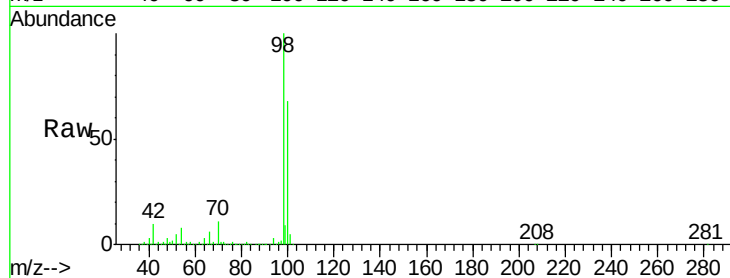
PB129340ZHE#05

Tot Ion: 98 Resp: 437715

Ion Ratio Lower Upper

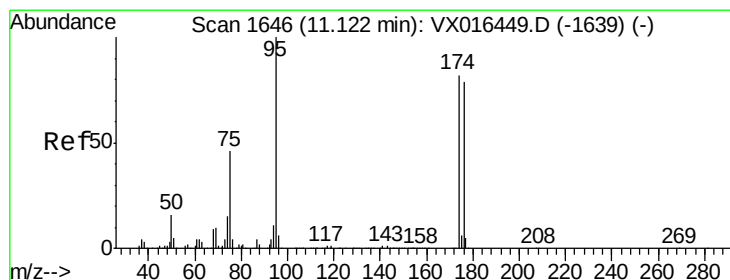
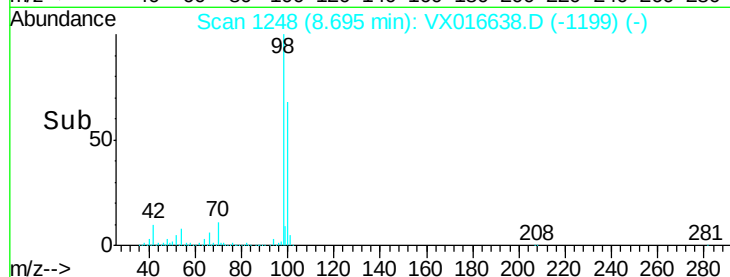
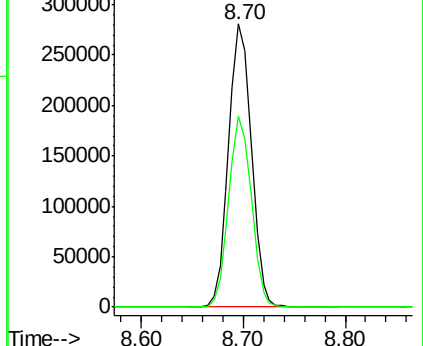
98 100

100 66.6 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 51.935 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016638.D

Acq: 08 Jun 2020 15:06

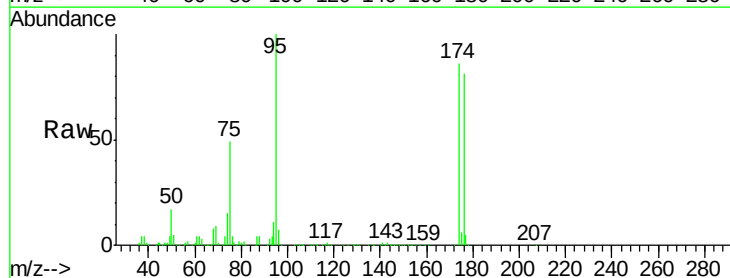
Tgt Ion: 95 Resp: 170984

Ion Ratio Lower Upper

95 100

174 85.9 0.0 163.0

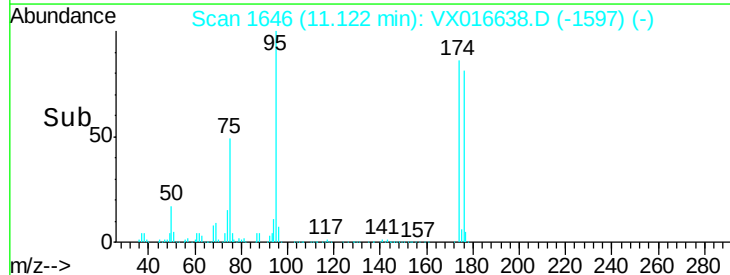
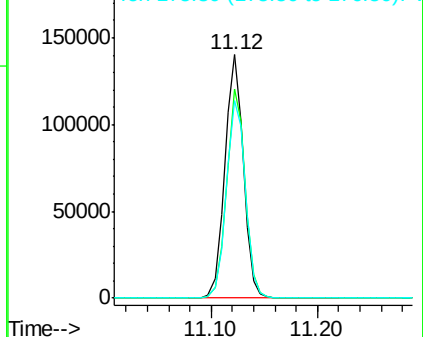
176 83.6 0.0 156.8

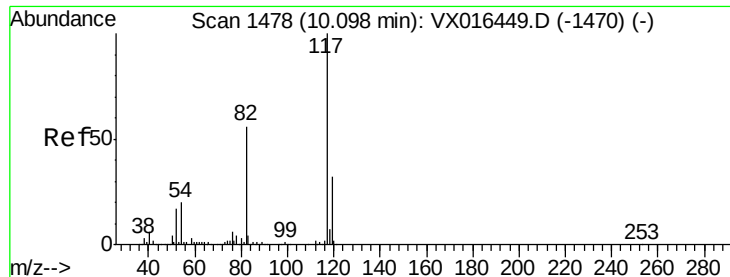


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

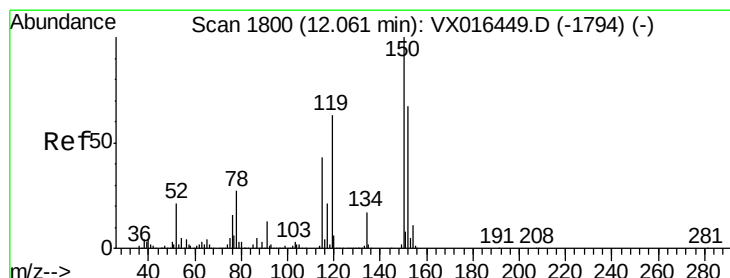
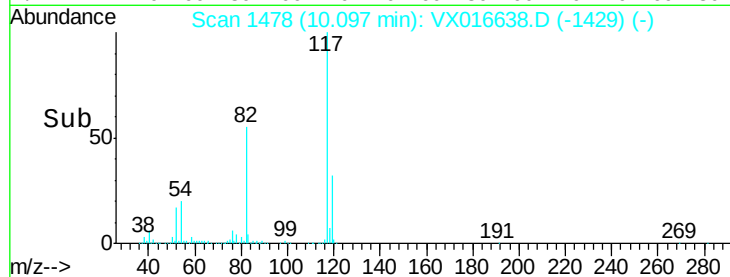
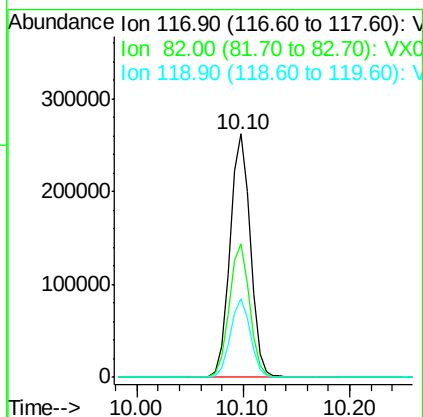
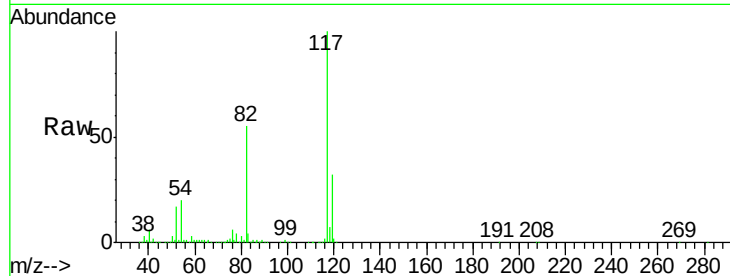




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016638.D
Acq: 08 Jun 2020 15:06

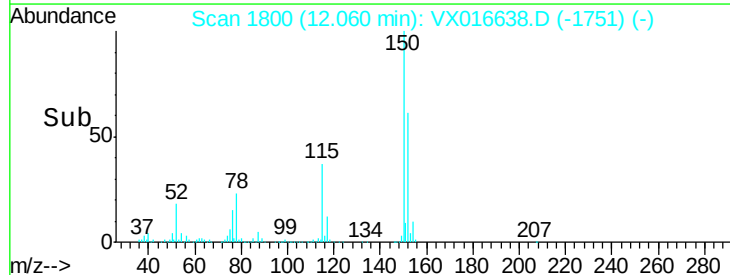
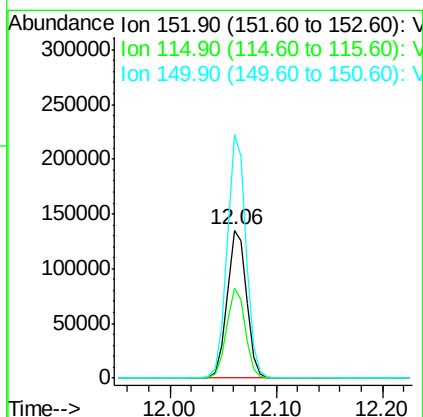
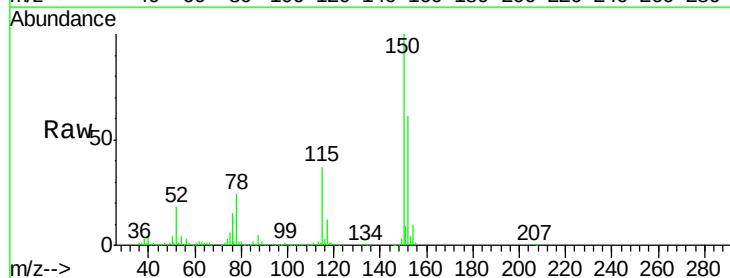
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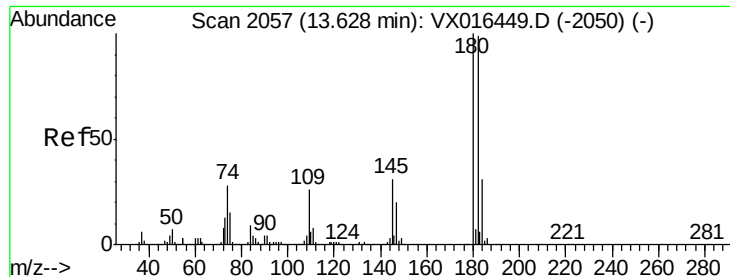
Tot Ion:117 Resp: 353496
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.6
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016638.D
Acq: 08 Jun 2020 15:06

Tgt Ion:152 Resp: 172452
Ion Ratio Lower Upper
152 100
115 58.7 39.9 119.6
150 159.9 0.0 341.0

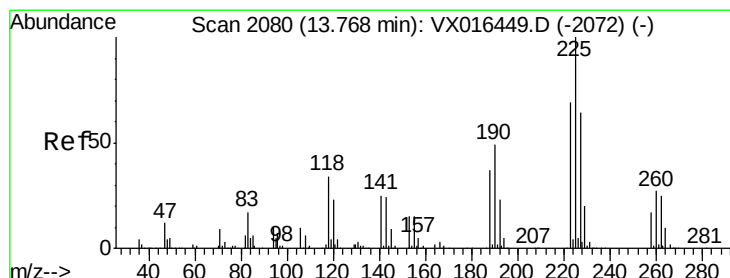
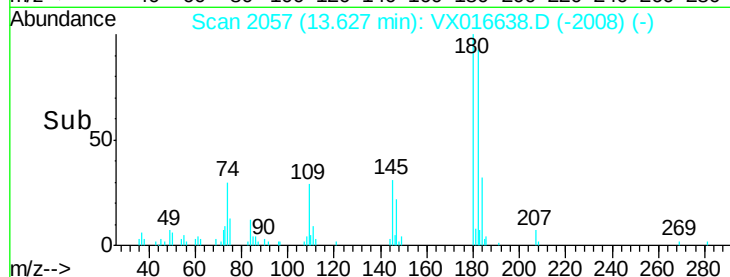
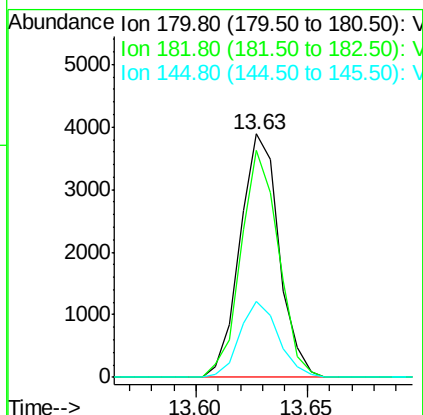
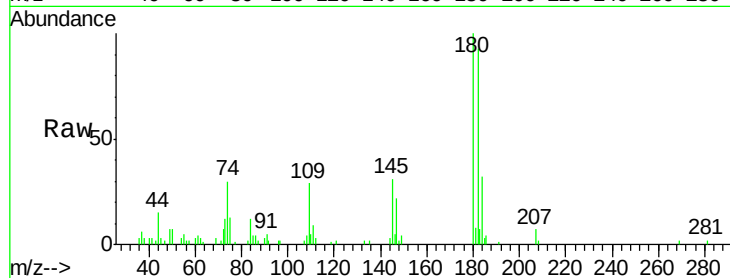




#93
 1,2,4-Trichlorobenzene
 Concen: 1.360 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016638.D
 Acq: 08 Jun 2020 15:06

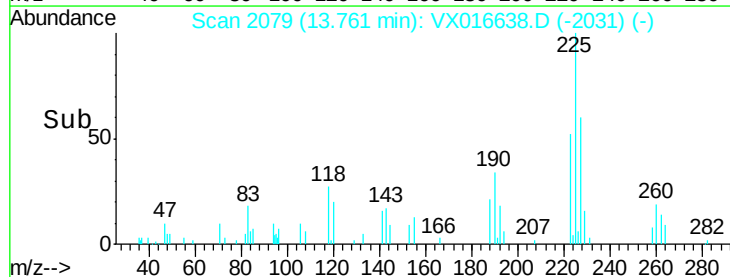
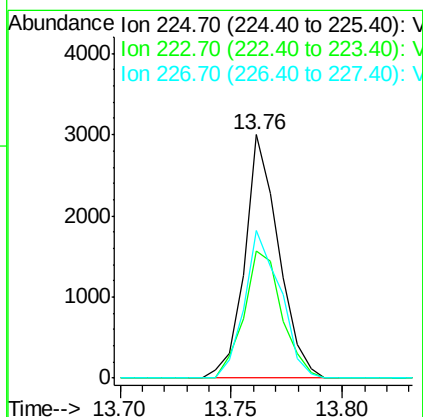
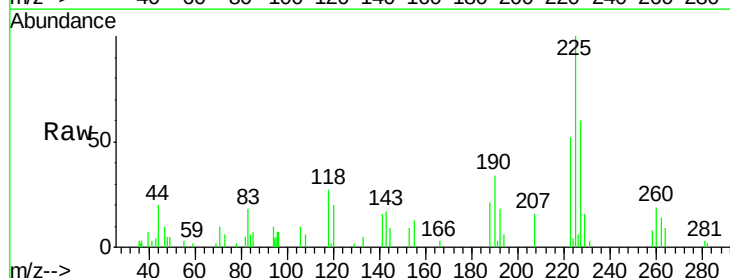
Instrument :
 MSVOA_X
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 PB129340ZHE#05

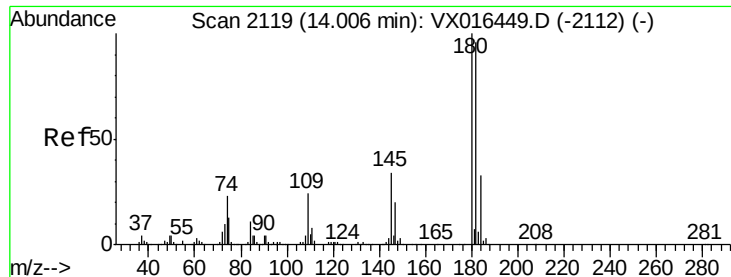
Tot Ion:180 Resp: 4751
 Ion Ratio Lower Upper
 180 100
 182 90.2 48.3 144.8
 145 31.1 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 2.328 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016638.D
 Acq: 08 Jun 2020 15:06

Tgt Ion:225 Resp: 3193
 Ion Ratio Lower Upper
 225 100
 223 58.1 32.3 96.8
 227 64.0 31.6 94.7





#96
 1,2,3-Trichlorobenzene
 Concen: 1.310 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016638.D
 Acq: 08 Jun 2020 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 PB129340ZHE#05

Tot Ion:	180	Resp:	4483
Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.6	145.8
145	36.4	16.6	49.8

