

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052020\
 Data File : VX016372.D
 Acq On : 20 May 2020 19:46
 Operator : JC/SP
 Sample : L2723-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200519

Quant Time: May 21 03:55:34 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	239470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	399780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	392152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192863	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	140897	44.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.42%	
35) Dibromofluoromethane	5.46	113	115768	45.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.42%	
50) Toluene-d8	8.70	98	491506	50.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.12	95	195285	52.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.22%	

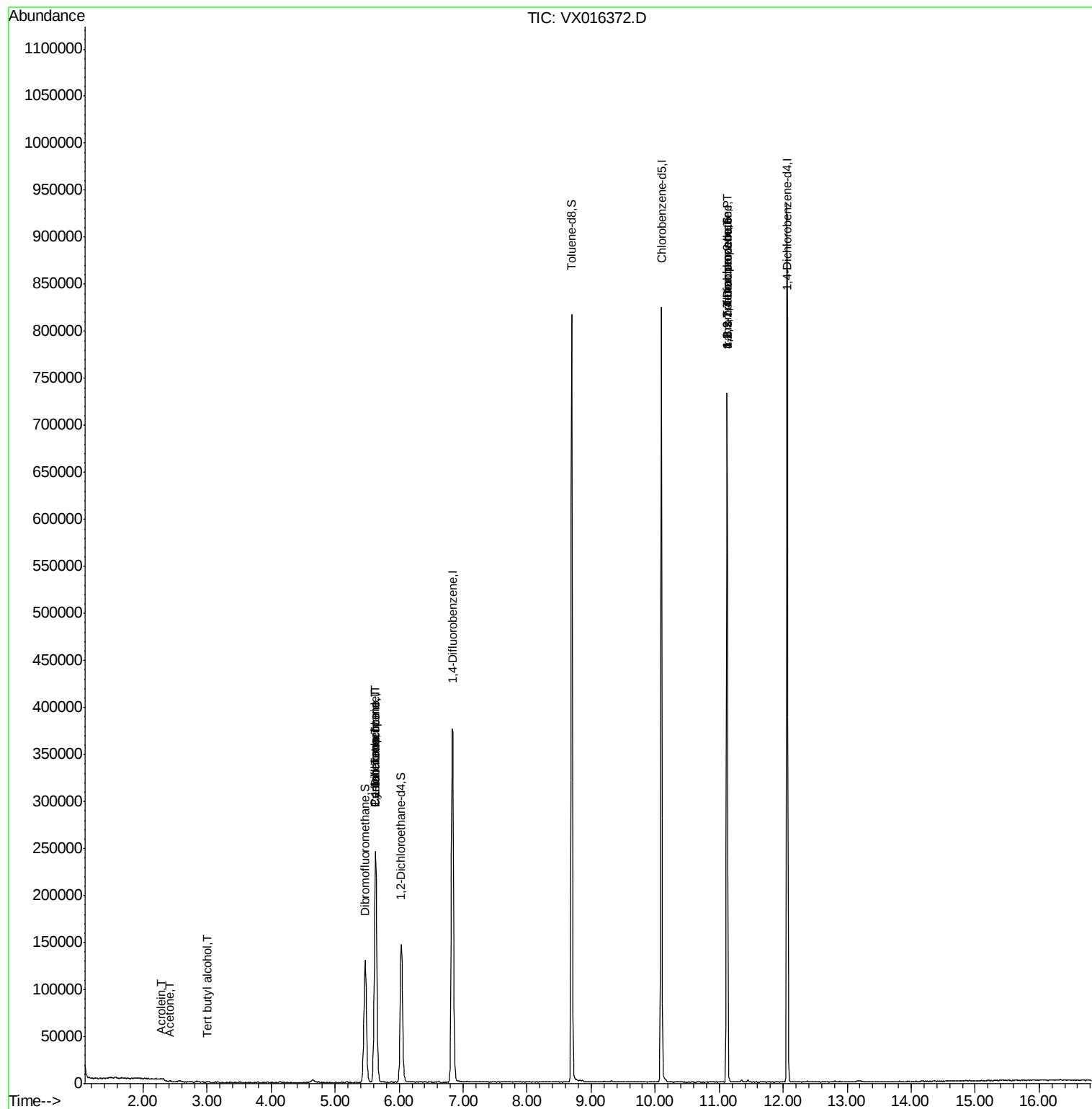
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.00	59	270	0.339	ug/l #	72
13) Acrolein	2.28	56	293	0.588	ug/l #	14
16) Acetone	2.42	43	875	0.622	ug/l	90
17) Carbon Disulfide	2.55	76	784	Below Cal		97
31) Cyclohexane	5.64	56	4239	0.968	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	17053	4.333	ug/l #	49
38) Carbon Tetrachloride	5.63	117	23073	5.768	ug/l #	14
75) 1,1,2,2-Tetrachloroethane	11.13	83	50	2.068	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	93298	21.318	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	93298	50.802	ug/l #	13

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

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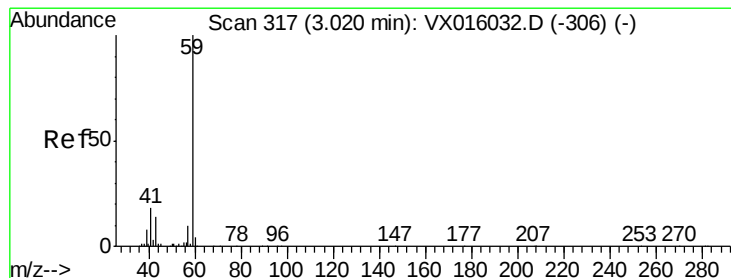
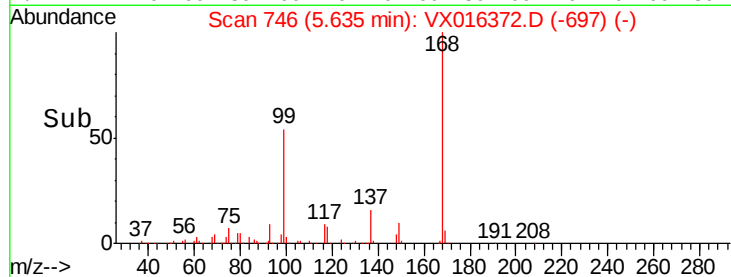
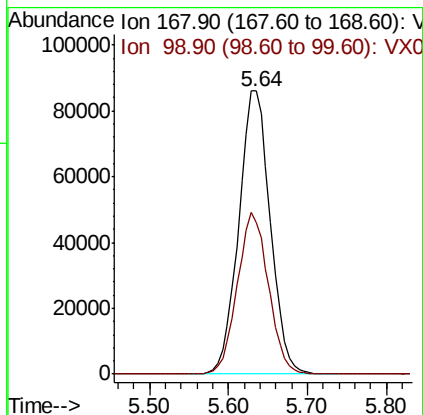
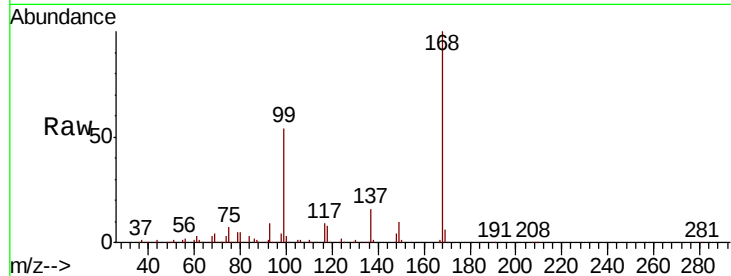


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: VX016372.D
 Acq: 20 May 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200519

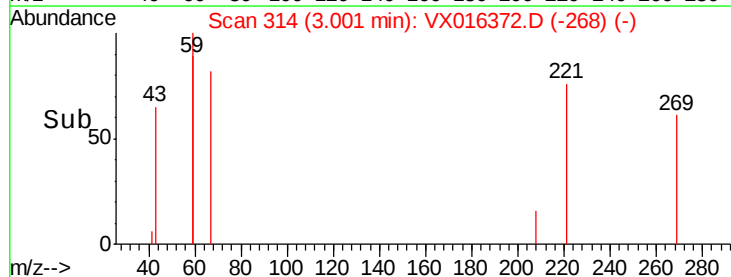
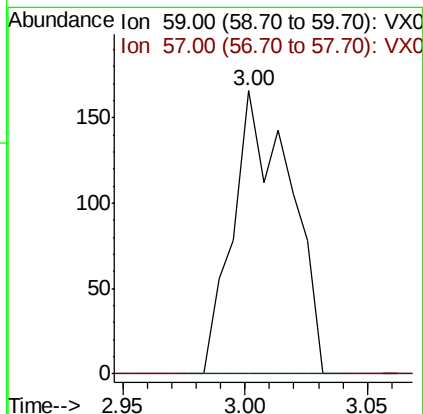
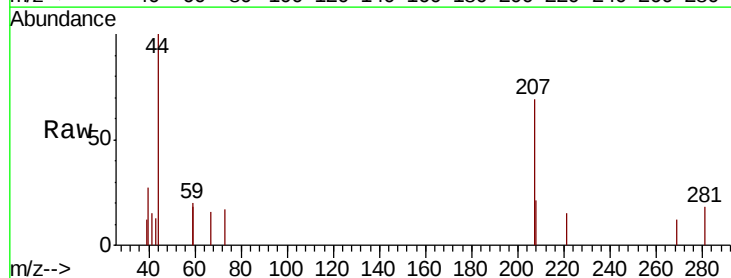
Tot Ion:168 Resp: 239470
 Ion Ratio Lower Upper
 168 100
 99 53.6 45.0 67.4

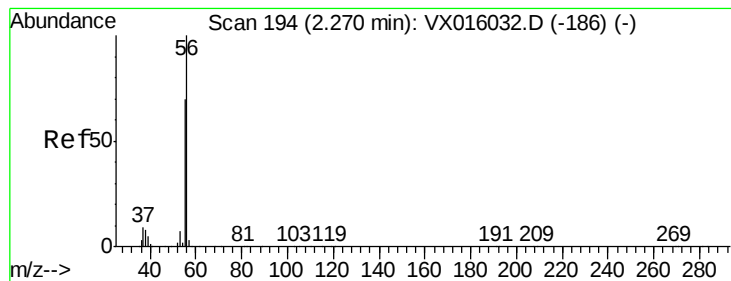


#11

Tert butyl alcohol
 Concen: 0.339 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.02 min
 Lab File: VX016372.D
 Acq: 20 May 2020 19:46

Tgt Ion: 59 Resp: 270
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#





#13

Acrolein

Concen: 0.588 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX016372.D

Acq: 20 May 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

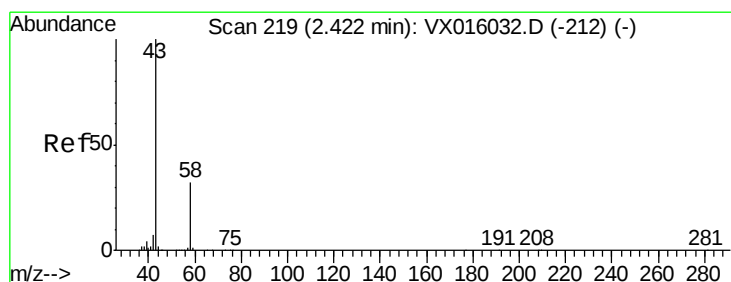
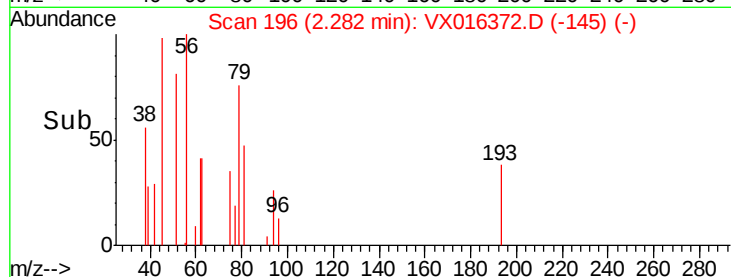
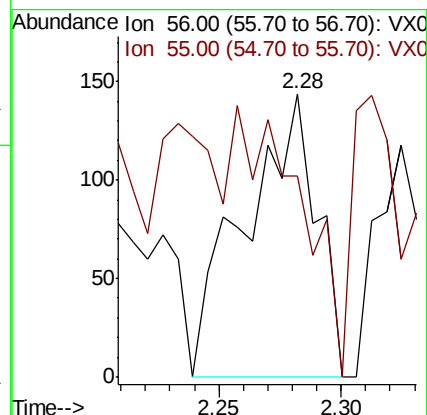
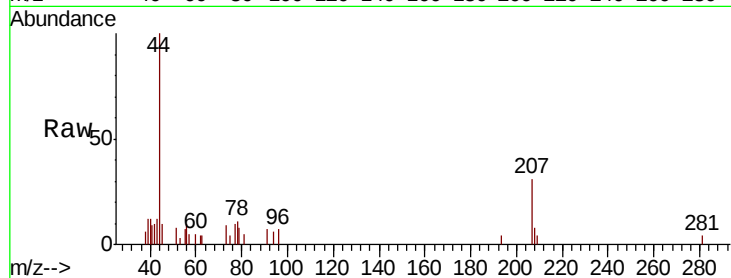
TB-01-200519

Tot Ion: 56 Resp: 293

Ion Ratio Lower Upper

56 100

55 0.0 56.5 84.7#



#16

Acetone

Concen: 0.622 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016372.D

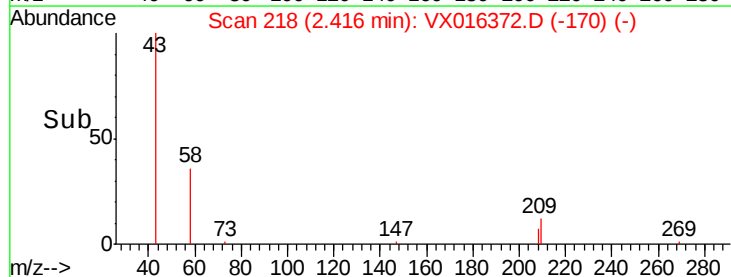
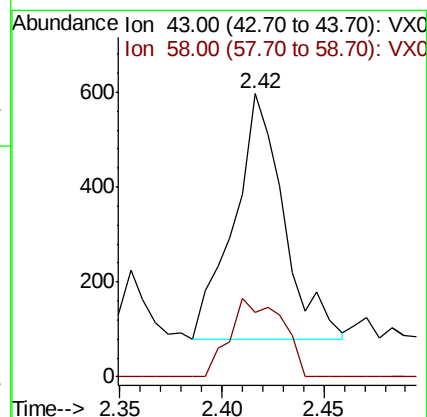
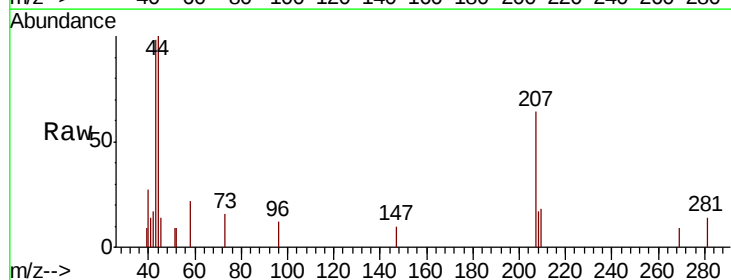
Acq: 20 May 2020 19:46

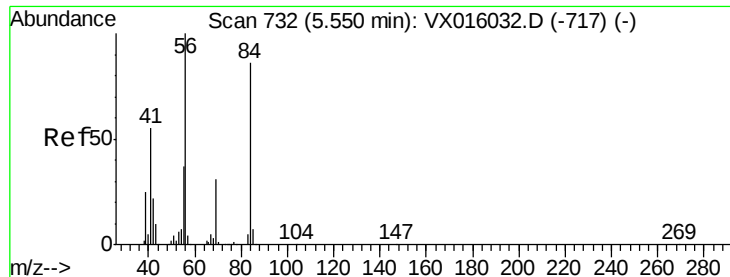
Tgt Ion: 43 Resp: 875

Ion Ratio Lower Upper

43 100

58 26.1 25.4 38.0

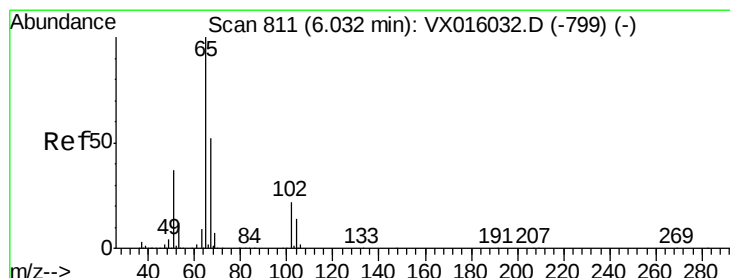
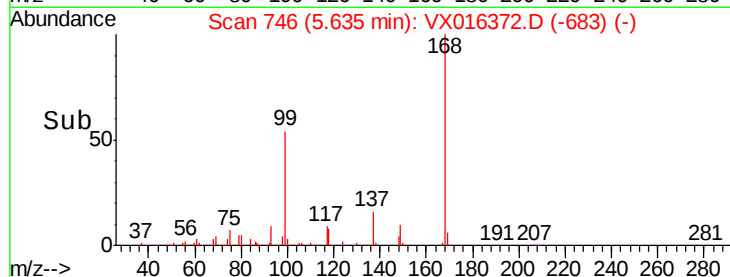
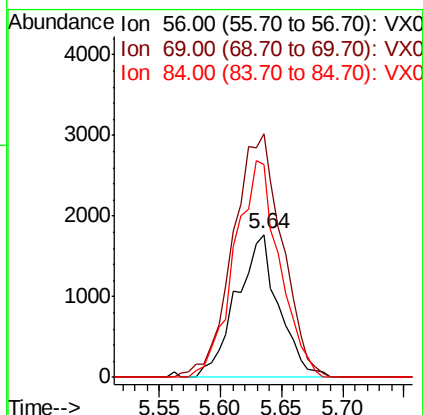
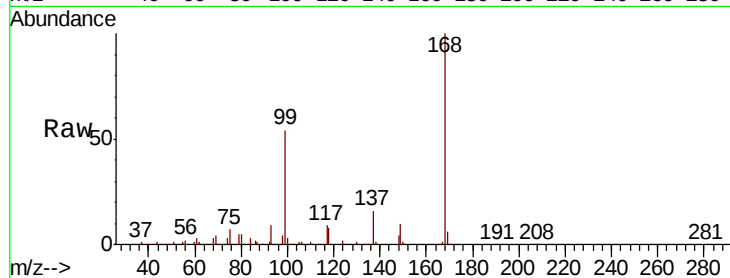




#31
Cyclohexane
Concen: 0.968 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX016372.D
Acq: 20 May 2020 19:46

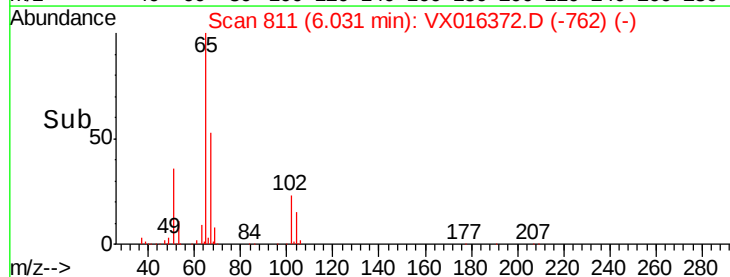
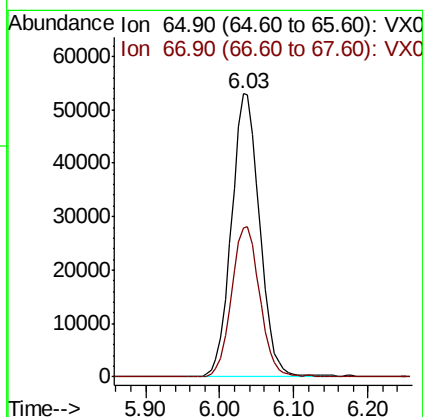
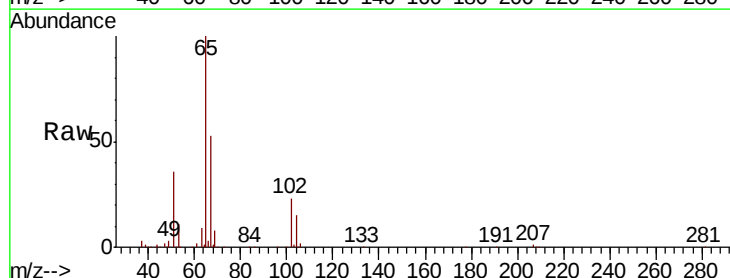
Instrument :
MSVOA_X
ClientSampleId :
TB-01-200519

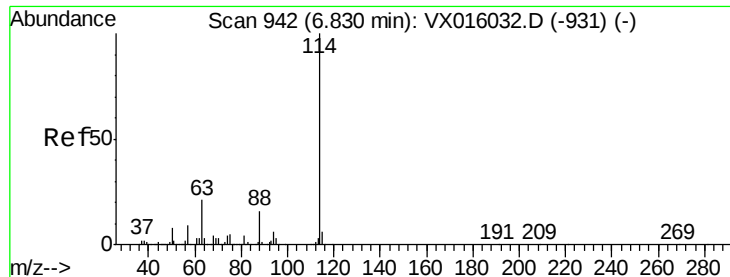
Tot Ion: 56 Resp: 4239
Ion Ratio Lower Upper
56 100
69 170.2 25.0 37.6#
84 149.0 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 44.712 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016372.D
Acq: 20 May 2020 19:46

Tgt Ion: 65 Resp: 140897
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: VX016372.D

Acq: 20 May 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200519

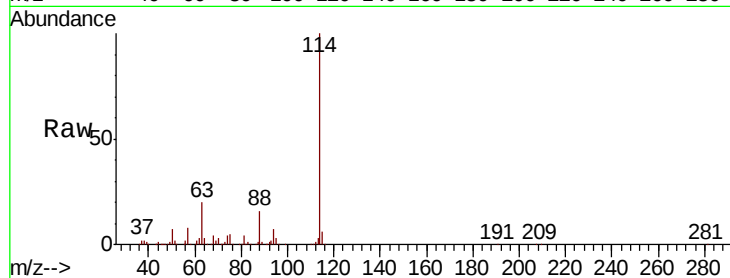
Tot Ion:114 Resp: 399780

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.8

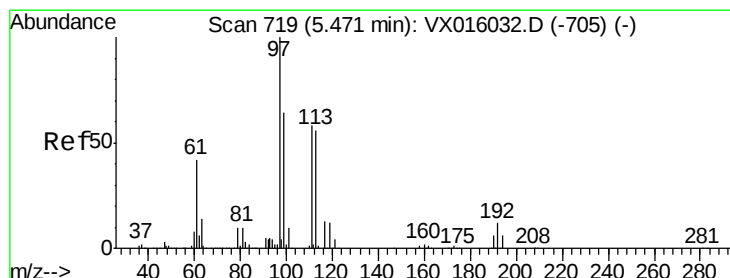
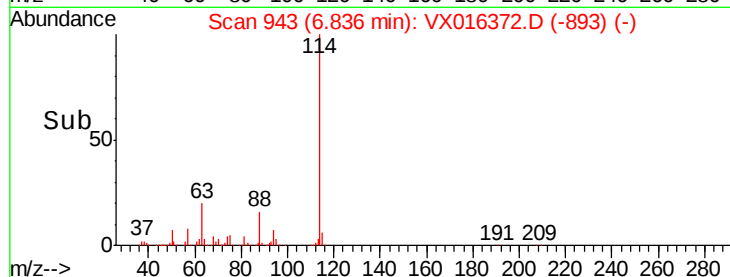
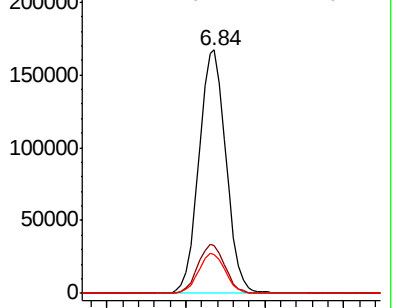
88 16.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 45.708 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016372.D

Acq: 20 May 2020 19:46

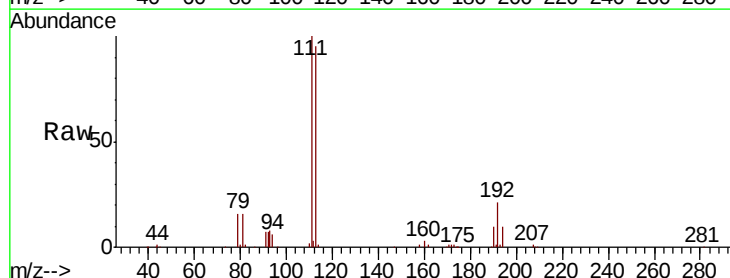
Tgt Ion:113 Resp: 115768

Ion Ratio Lower Upper

113 100

111 101.5 81.6 122.4

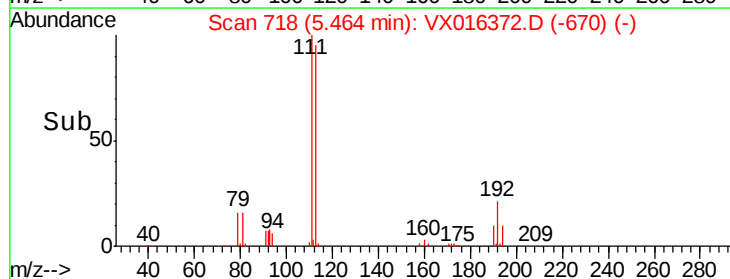
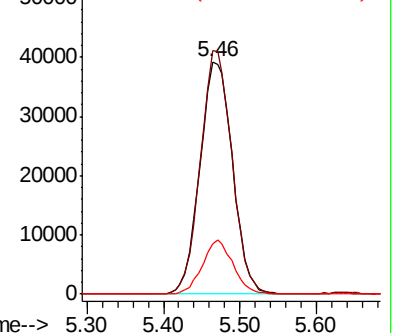
192 21.8 17.0 25.4

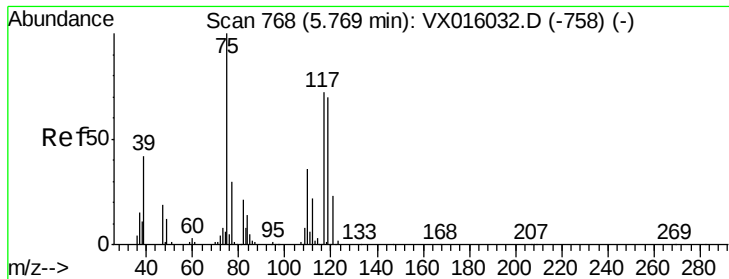


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.333 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX016372.D

Acq: 20 May 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200519

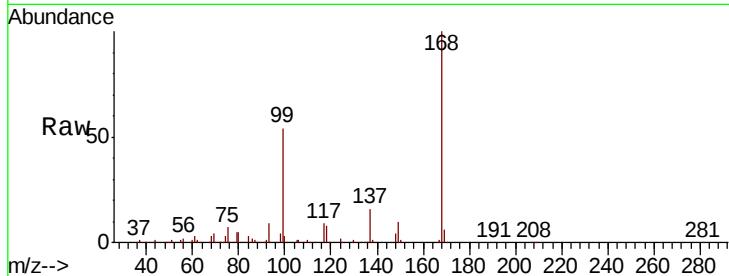
Tot Ion: 75 Resp: 17053

Ion Ratio Lower Upper

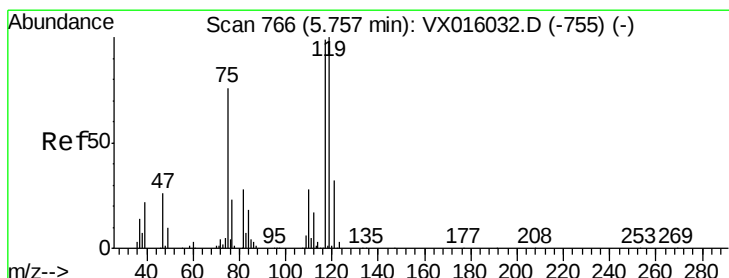
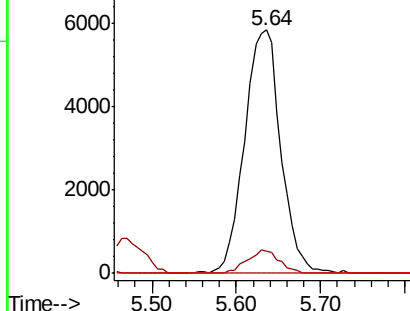
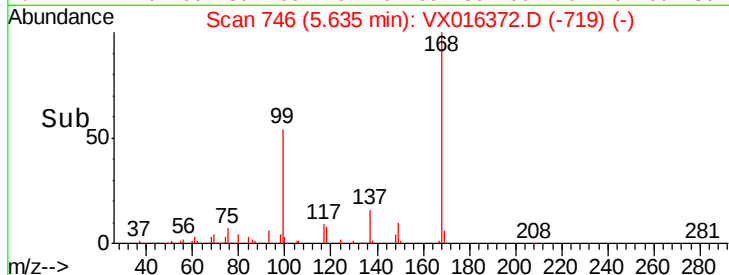
75 100

110 8.4 18.1 54.1#

77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VX016372.D (-719) (-)



#38

Carbon Tetrachloride

Concen: 5.768 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016372.D

Acq: 20 May 2020 19:46

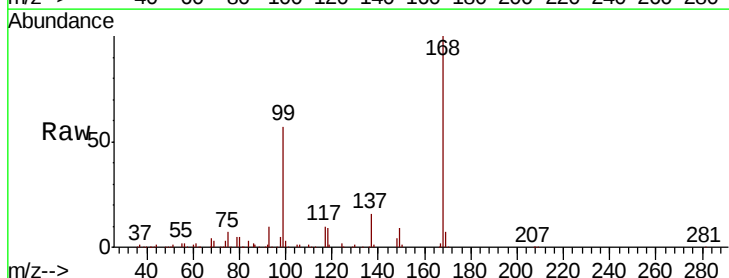
Tgt Ion: 117 Resp: 23073

Ion Ratio Lower Upper

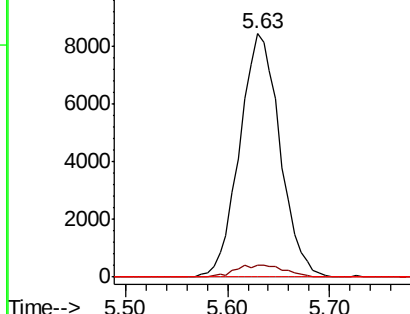
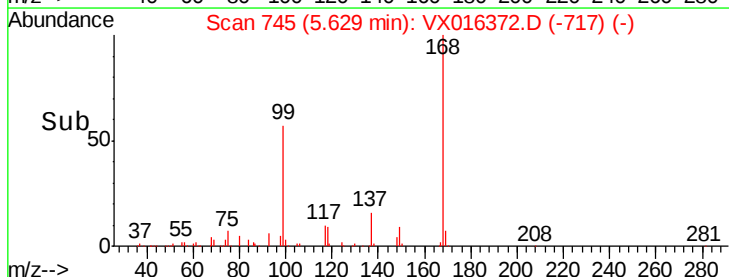
117 100

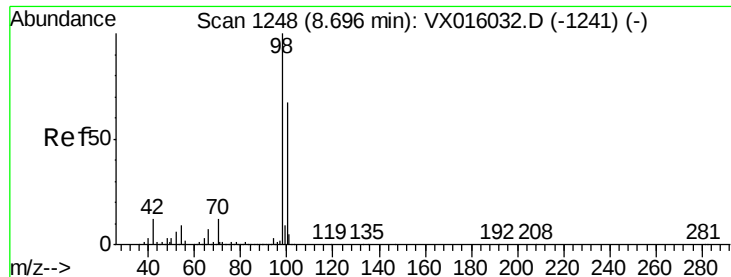
119 5.2 80.3 120.5#

121 0.0 25.7 38.5#



Abundance Ion 116.80 (116.50 to 117.50): VX016372.D (-717) (-)

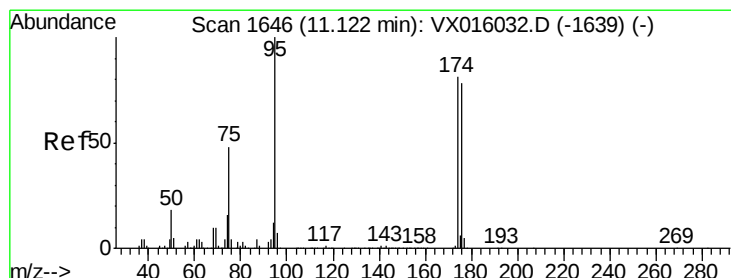
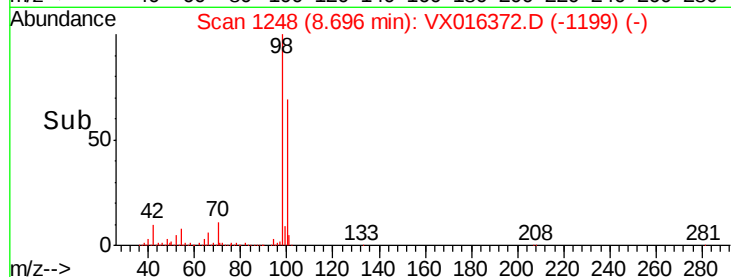
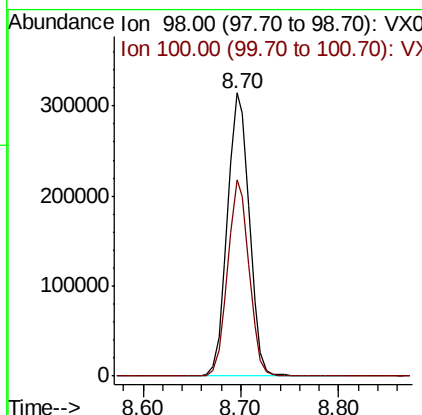
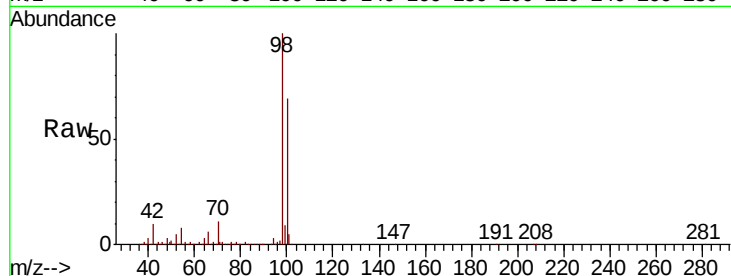




#50
Toluene-d8
Concen: 50.365 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016372.D
Acq: 20 May 2020 19:46

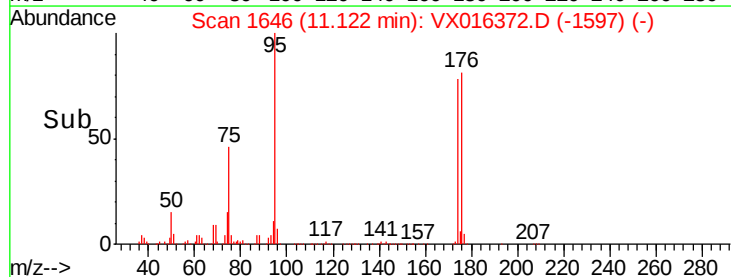
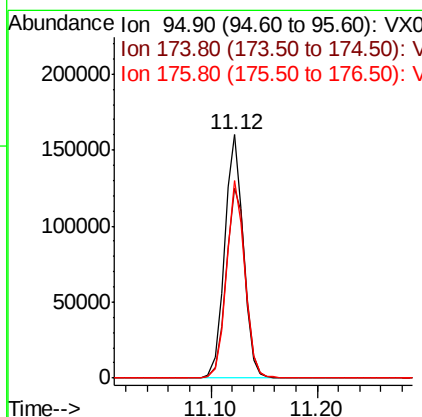
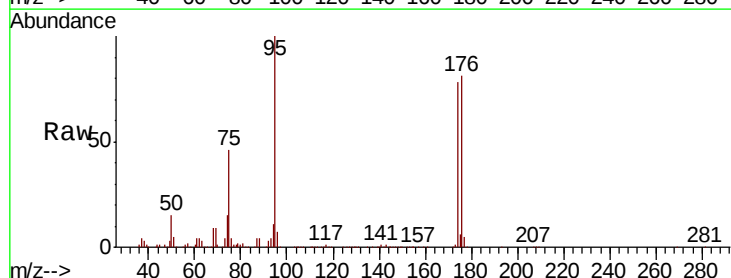
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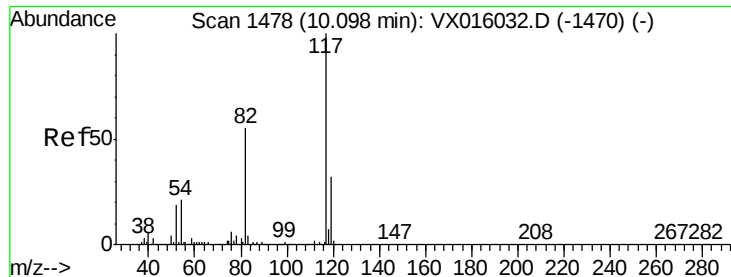
Tot Ion: 98 Resp: 491506
Ion Ratio Lower Upper
98 100
100 67.0 53.7 80.5



#62
4-Bromofluorobenzene
Concen: 52.611 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016372.D
Acq: 20 May 2020 19:46

Tgt Ion: 95 Resp: 195285
Ion Ratio Lower Upper
95 100
174 81.3 0.0 159.4
176 79.8 0.0 157.6

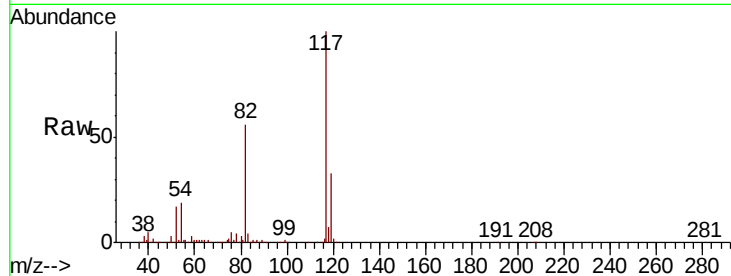




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016372.D
Acq: 20 May 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
TB-01-200519

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.4	66.6
119	32.9	25.5	38.3

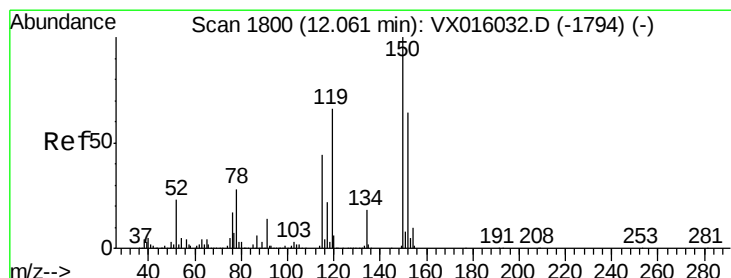
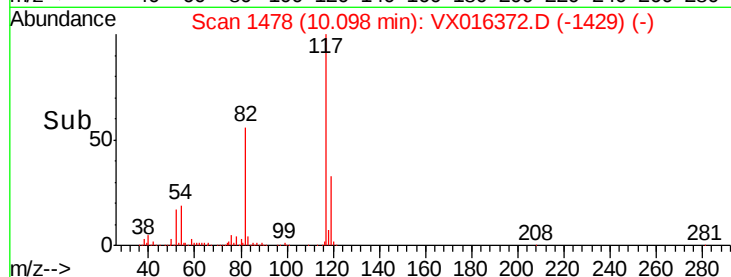
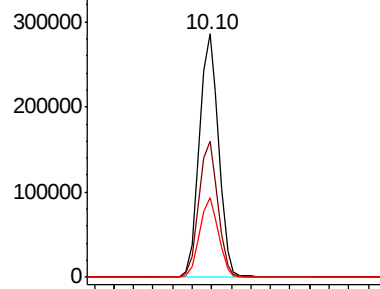


Abundance

Ion 116.90 (116.60 to 117.60): V

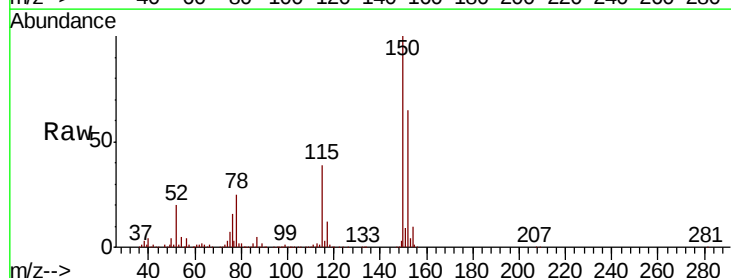
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016372.D
Acq: 20 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	41.3	124.1
150	155.4	0.0	352.2

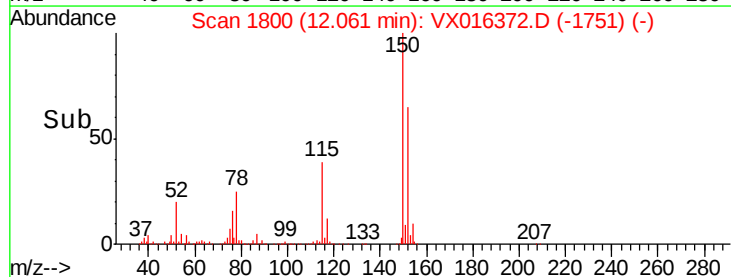
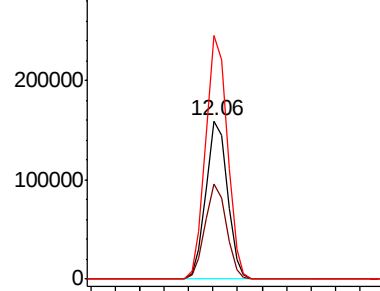


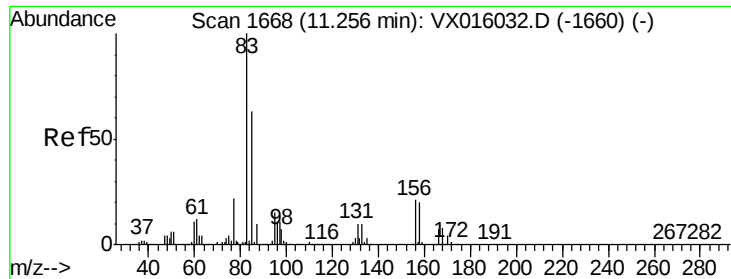
Abundance

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





#75

1,1,2,2-Tetrachloroethane

Concen: 2.068 ug/l

RT: 11.13 min Scan# 1647

Delta R.T. -0.13 min

Lab File: VX016372.D

Acq: 20 May 2020 19:46

Instrument :

MSVOA_X

ClientSampled :

TB-01-200519

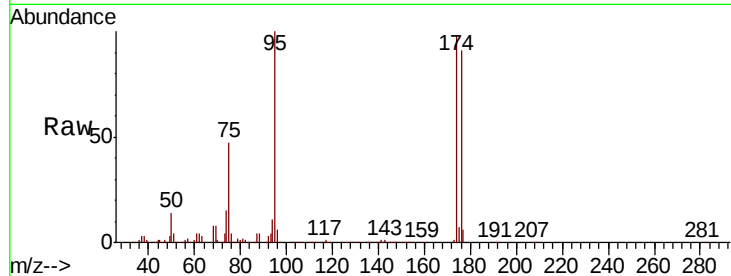
Tot Ion: 83 Resp: 50

Ion Ratio Lower Upper

83 100

131 514.0 5.1 15.4#

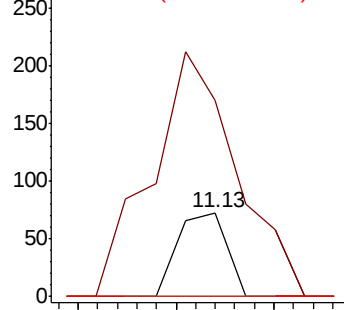
85 0.0 32.0 96.0#



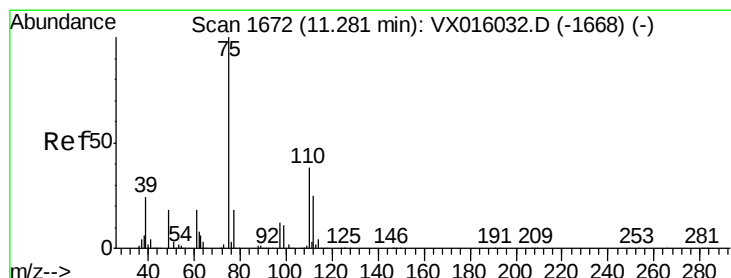
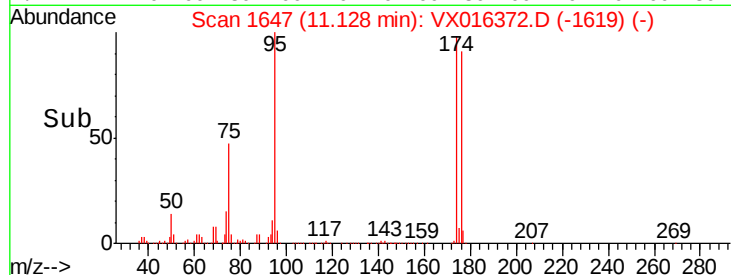
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



Time-->



#76

1,2,3-Trichloropropane

Concen: 21.318 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016372.D

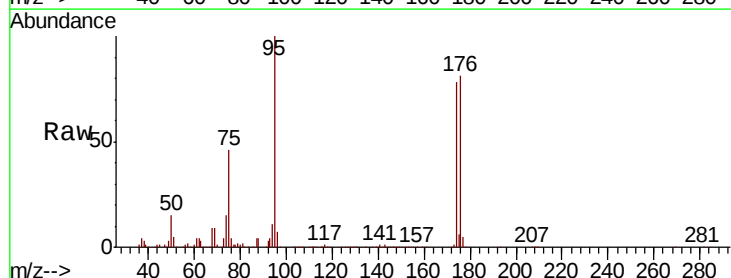
Acq: 20 May 2020 19:46

Tgt Ion: 75 Resp: 93298

Ion Ratio Lower Upper

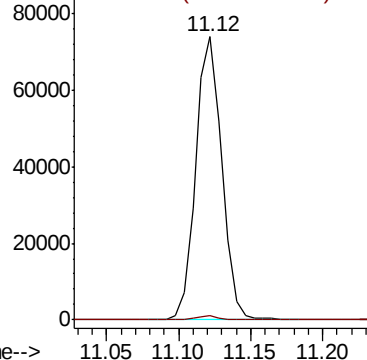
75 100

77 1.3 21.2 63.6#

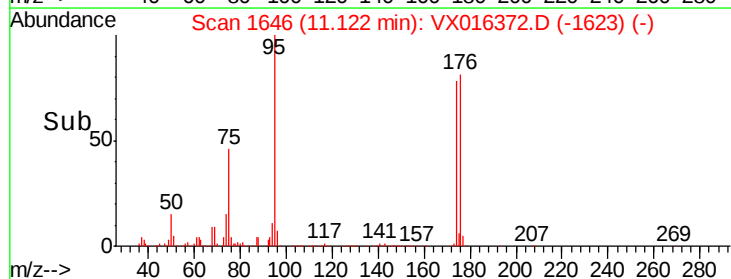


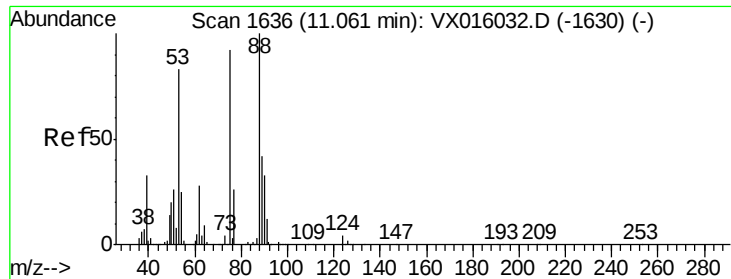
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->





#81
trans-1,4-Dichloro-2-butene
Concen: 50.802 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016372.D
Acq: 20 May 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
TB-01-200519

Tot Ion: 75 Resp: 93298
Ion Ratio Lower Upper
75 100
53 0.0 73.1 109.7#
89 0.0 36.7 55.1#

