

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
 Data File : VX015388.D
 Acq On : 27 Mar 2020 17:44
 Operator : JC/SP
 Sample : L1997-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D1-20200317

Quant Time: Mar 30 04:27:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1150615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1859480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1751525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	931003	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	752191	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	
35) Dibromofluoromethane	5.47	113	578056	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
50) Toluene-d8	8.70	98	2264832	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.12	95	963710	54.19	ug/l	0.00
Spiked Amount			Recovery	=	108.38%	

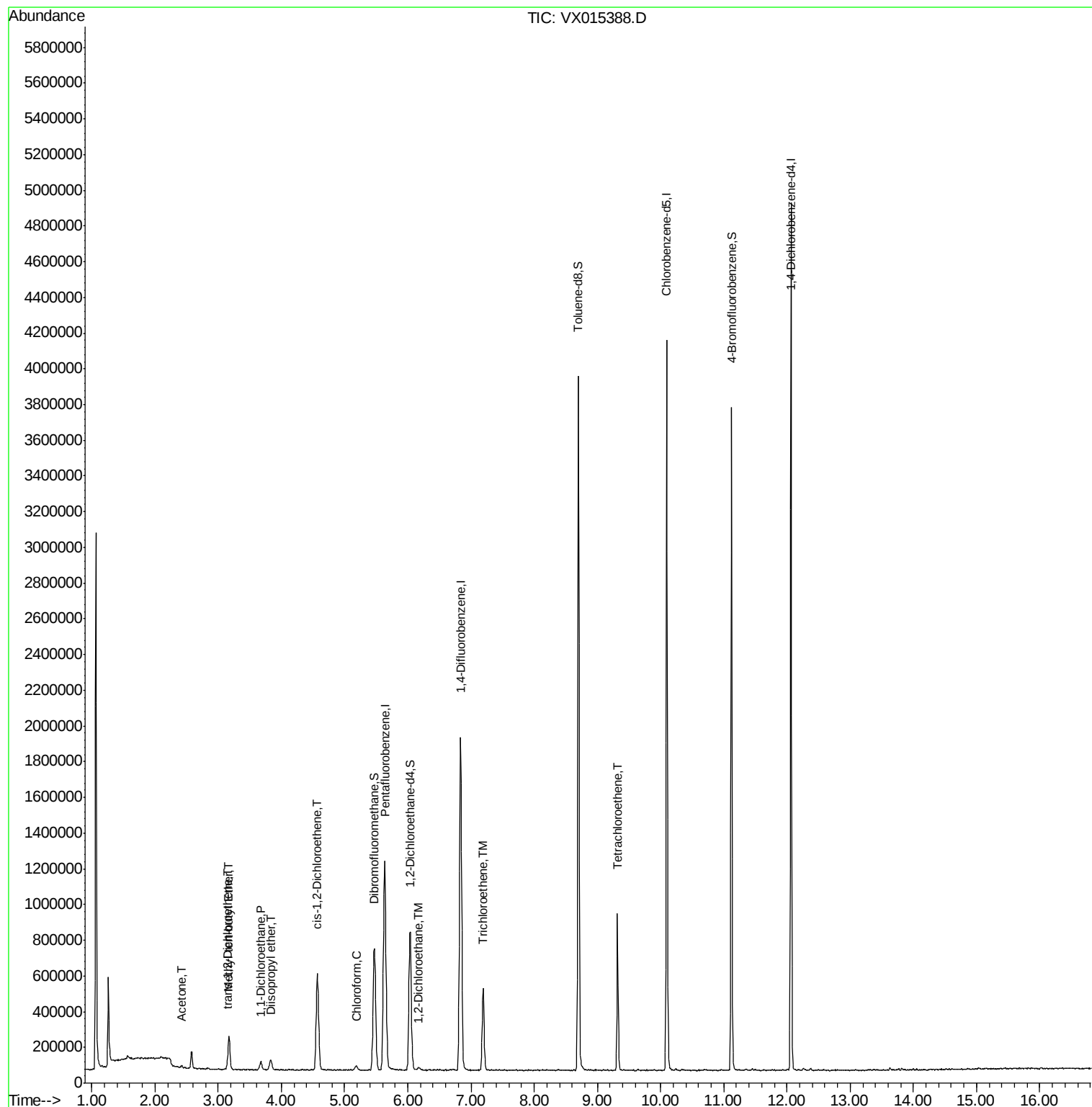
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	13192	1.892	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	201913	4.792	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	7556	0.627	ug/l #	72
22) Diisopropyl ether	3.83	45	65880	1.465	ug/l #	76
24) 1,1-Dichloroethane	3.67	63	55960	2.363	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	334887	24.010	ug/l	92
30) Chloroform	5.18	83	26359	1.157	ug/l	100
42) 1,2-Dichloroethane	6.17	62	18561	0.921	ug/l	93
44) Trichloroethene	7.19	130	178257	13.023	ug/l	99
64) Tetrachloroethene	9.32	164	167782	12.693	ug/l	96

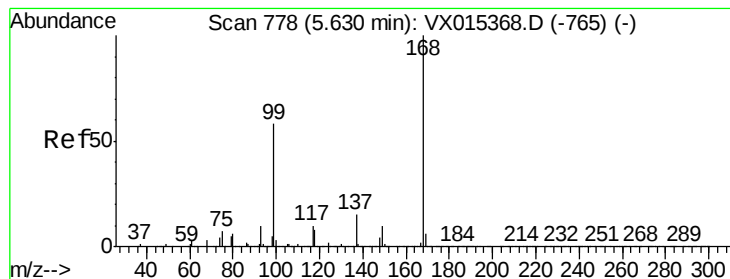
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015388.D

Acq: 27 Mar 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

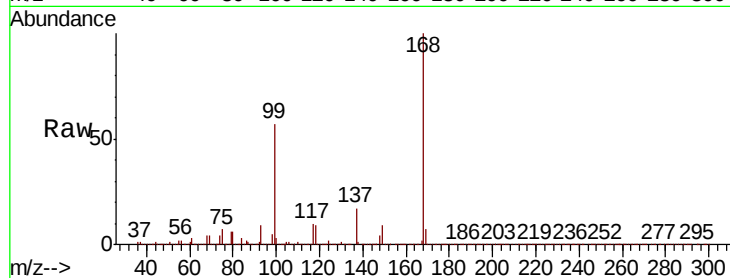
MW202D1-20200317

Tot Ion:168 Resp: 1150615

Ion Ratio Lower Upper

168 100

99 56.7 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

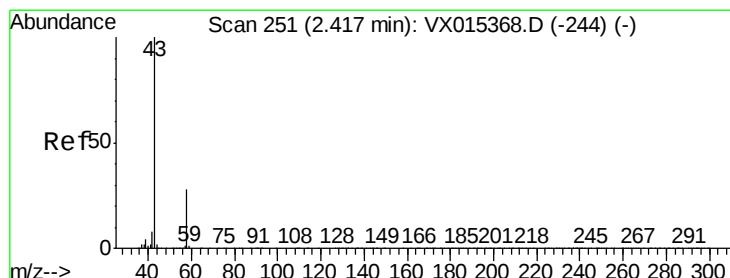
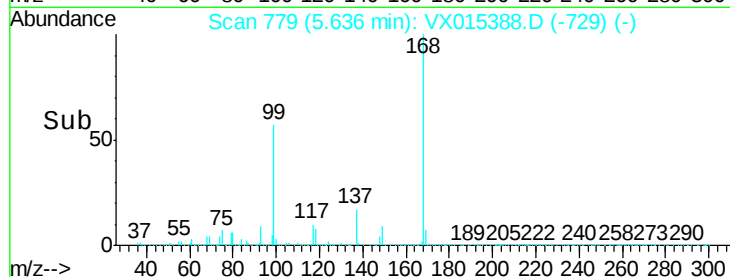
300000

200000

100000

0

Time--> 5.40 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.892 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015388.D

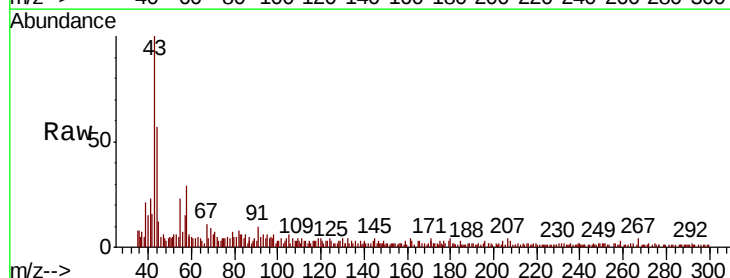
Acq: 27 Mar 2020 17:44

Tgt Ion: 43 Resp: 13192

Ion Ratio Lower Upper

43 100

58 28.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

10000

8000

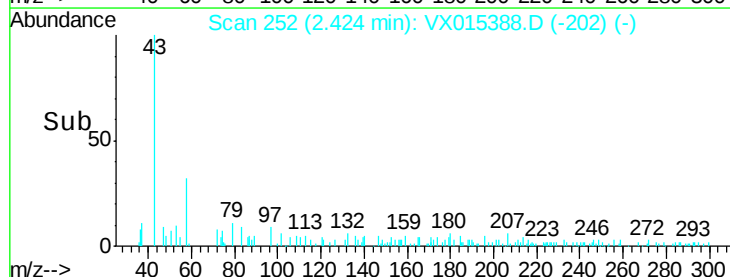
6000

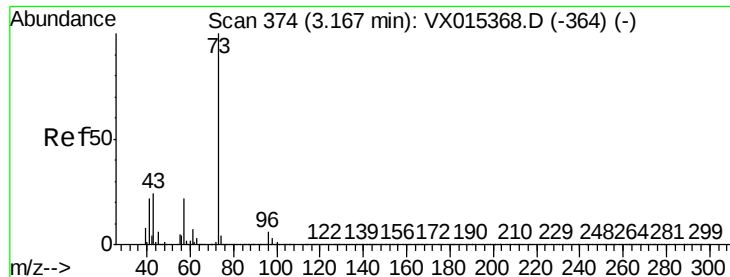
4000

2000

0

Time--> 2.35 2.40 2.45 2.50



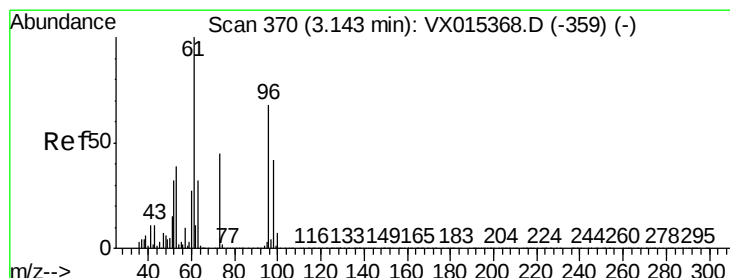
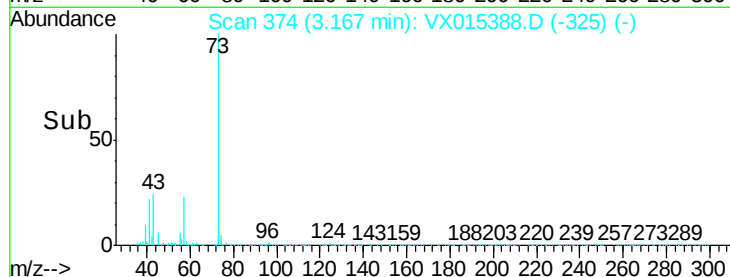
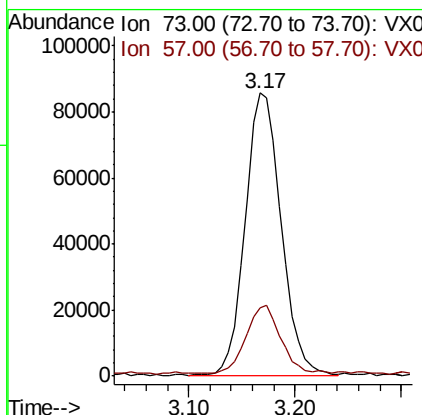
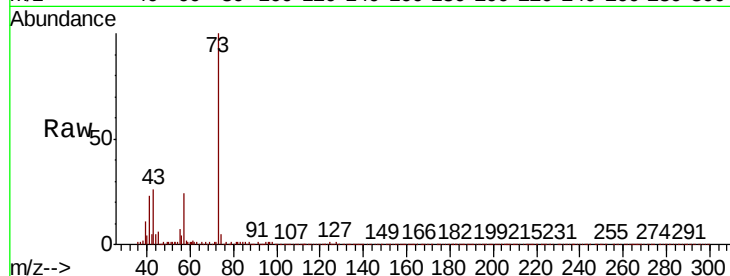


#19

Methyl tert-butyl Ether
Concen: 4.792 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015388.D
Acq: 27 Mar 2020 17:44

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20200317

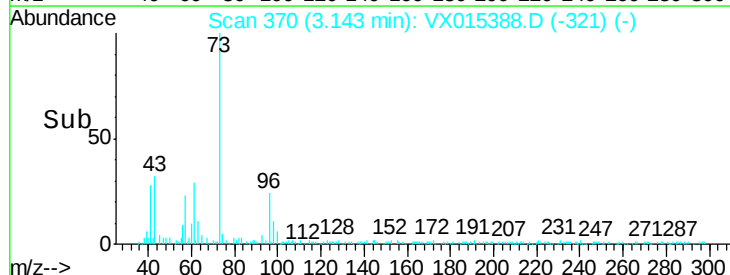
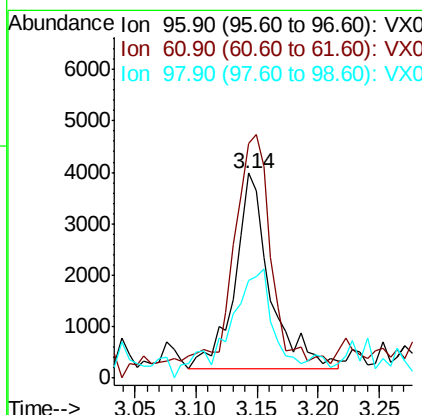
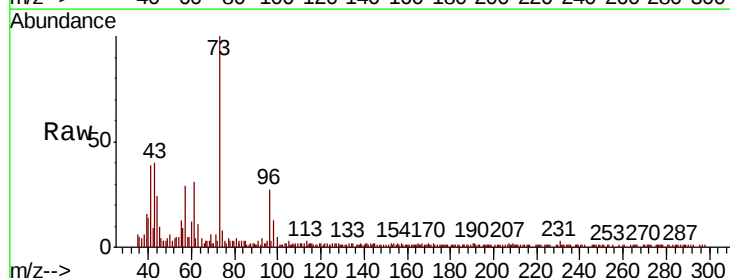
Tot Ion: 73 Resp: 201913
Ion Ratio Lower Upper
73 100
57 23.3 17.9 26.9

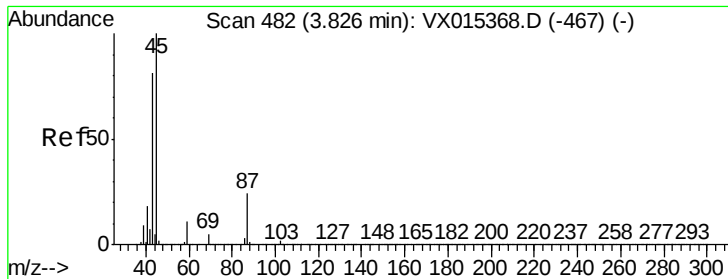


#21

trans-1,2-Dichloroethene
Concen: 0.627 ug/l
RT: 3.14 min Scan# 370
Delta R.T. 0.00 min
Lab File: VX015388.D
Acq: 27 Mar 2020 17:44

Tgt Ion: 96 Resp: 7556
Ion Ratio Lower Upper
96 100
61 108.4 116.9 175.3#
98 43.1 48.6 73.0#





#22

Diisopropyl ether

Concen: 1.465 ug/l

RT: 3.83 min Scan# 483

Delta R.T. 0.01 min

Lab File: VX015388.D

Acq: 27 Mar 2020 17:44

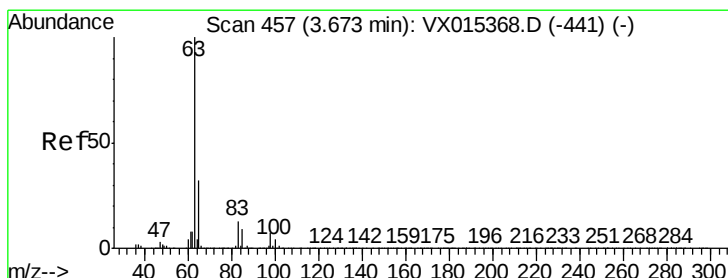
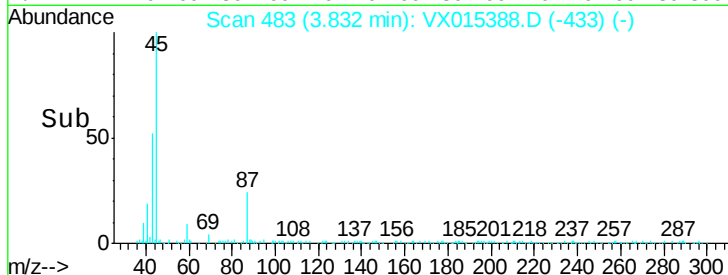
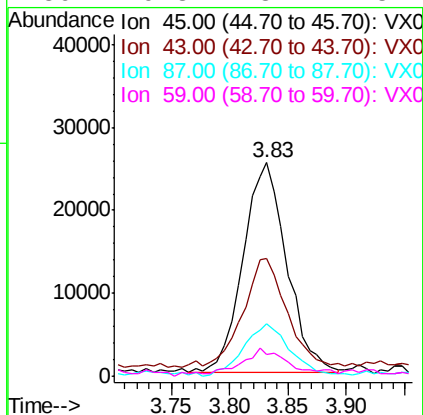
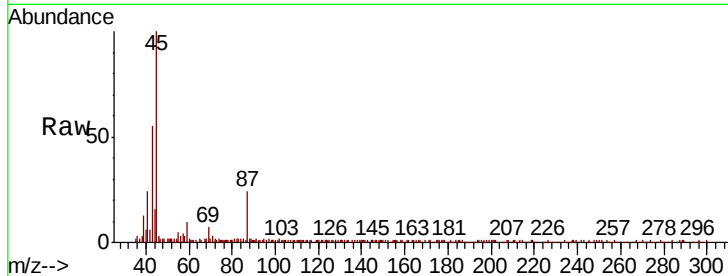
Instrument :

MSVOA_X

ClientSampleId :

MW202D1-20200317

Tot Ion:	45	Resp:	65880
Ion	Ratio	Lower	Upper
45	100		
43	50.8	64.7	97.1#
87	24.0	19.4	29.0
59	9.3	8.7	13.1



#24

1,1-Dichloroethane

Concen: 2.363 ug/l

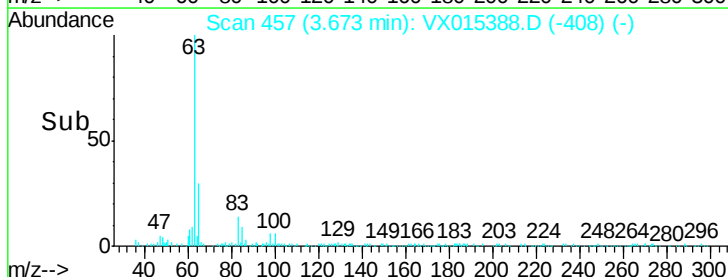
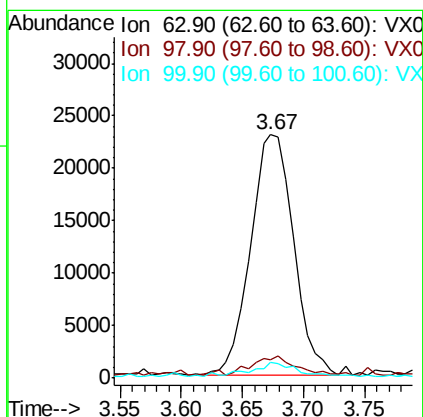
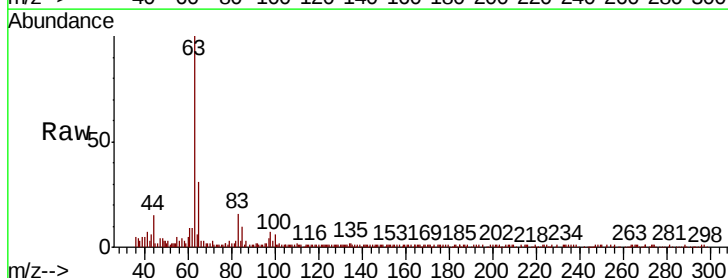
RT: 3.67 min Scan# 457

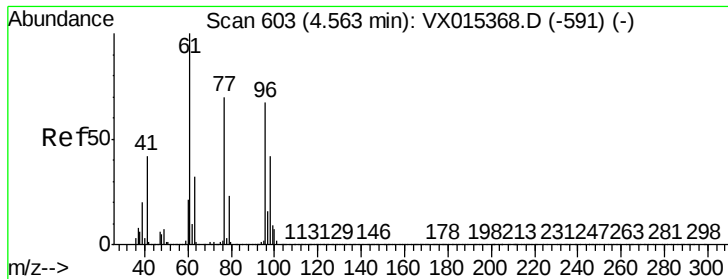
Delta R.T. 0.00 min

Lab File: VX015388.D

Acq: 27 Mar 2020 17:44

Tgt Ion:	63	Resp:	55960
Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.3	9.8
100	5.7	2.1	6.5



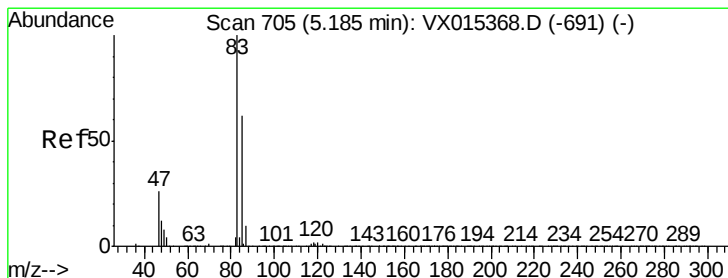
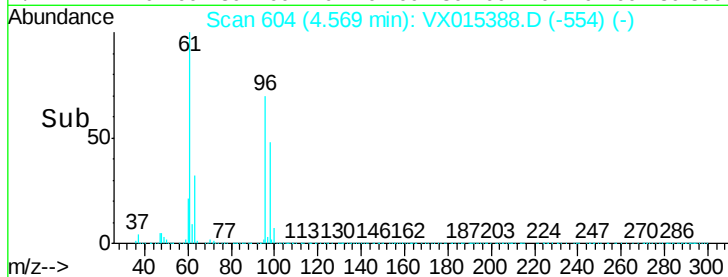
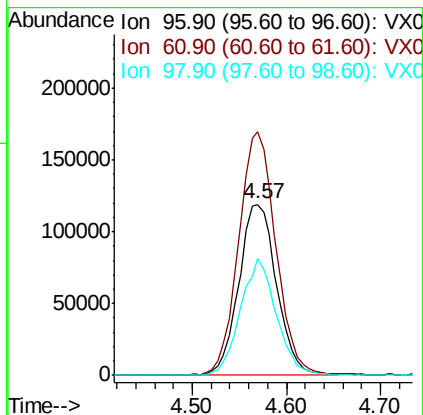
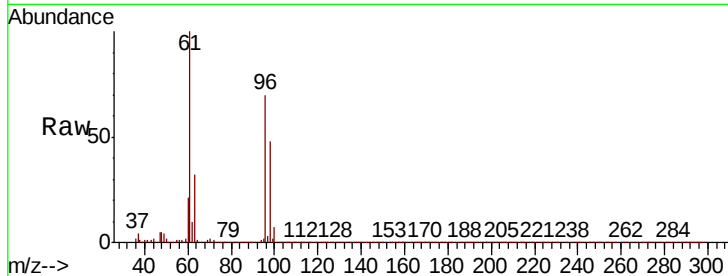


#27

cis-1,2-Dichloroethene
Concen: 24.010 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015388.D
Acq: 27 Mar 2020 17:44

Instrument :
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ClientSampleId :
MW202D1-20200317

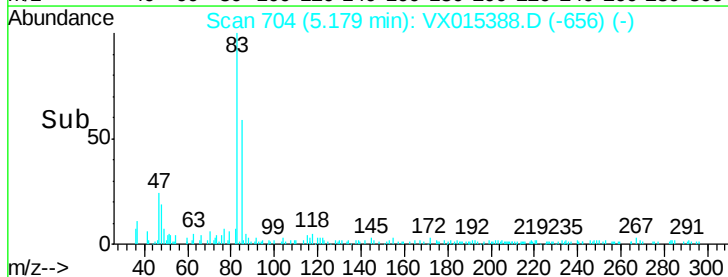
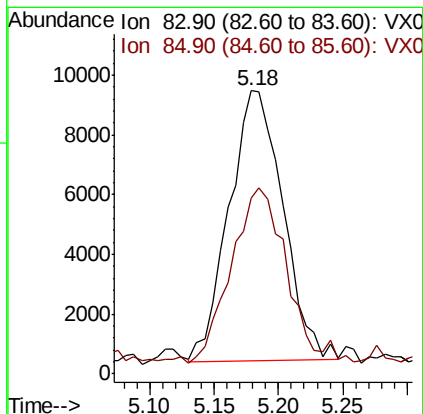
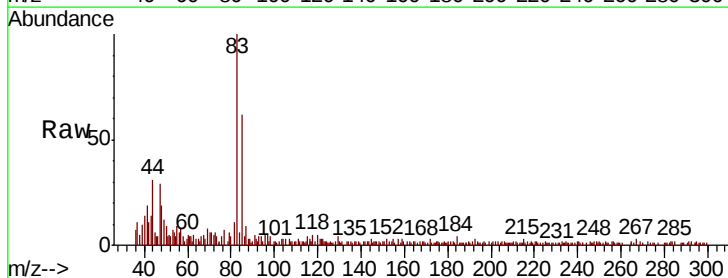
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	308.4
98	64.6	0.0	129.2

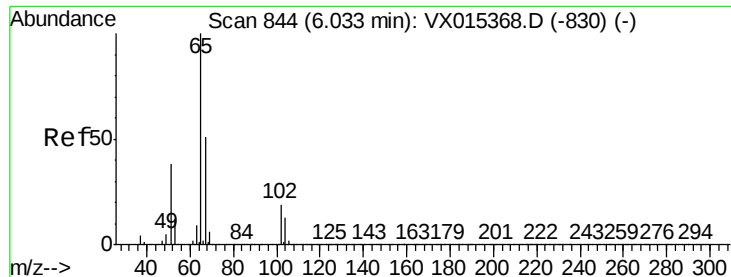


#30

Chloroform
Concen: 1.157 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015388.D
Acq: 27 Mar 2020 17:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	49.5	74.3

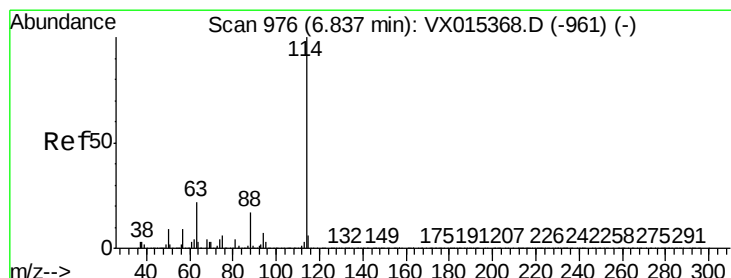
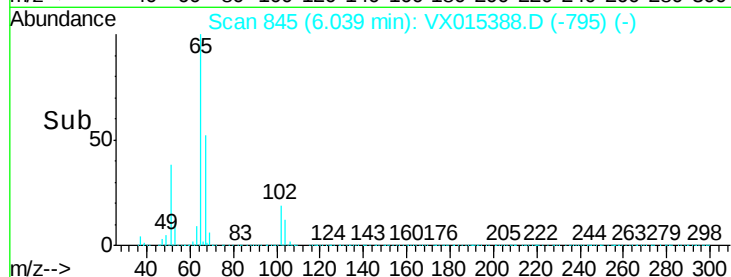
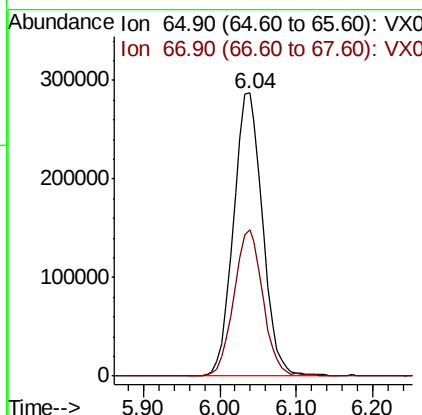
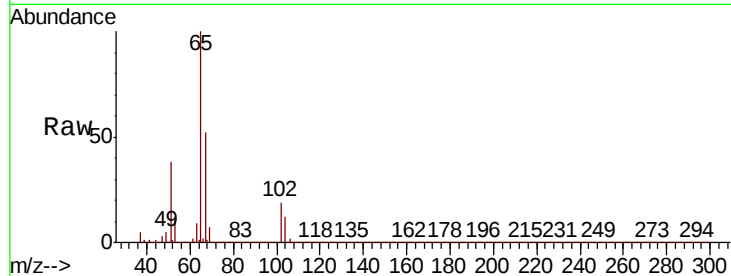




#33
 1,2-Dichloroethane-d4
 Concen: 46.351 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015388.D
 Acq: 27 Mar 2020 17:44

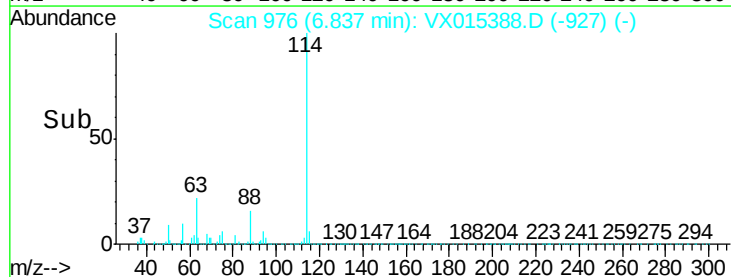
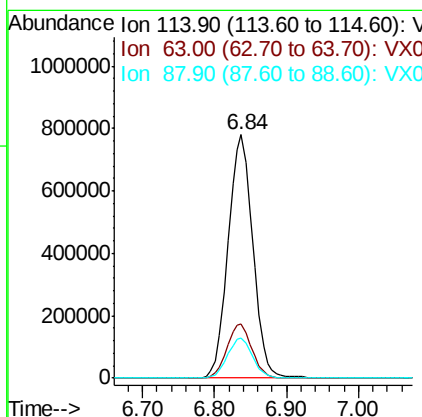
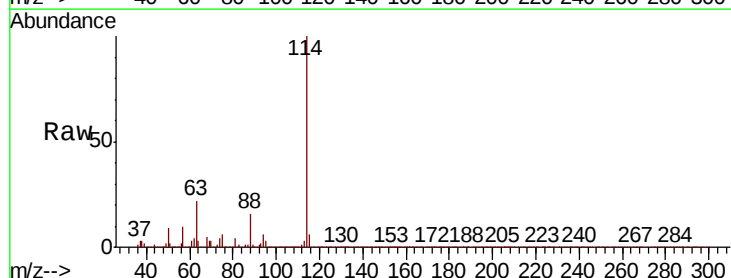
Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D1-20200317

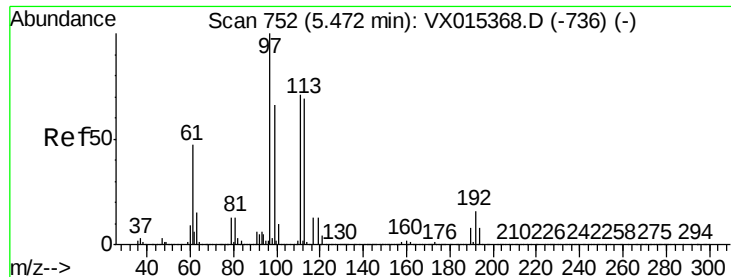
Tot Ion: 65 Resp: 752191
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015388.D
 Acq: 27 Mar 2020 17:44

Tgt Ion: 114 Resp: 1859480
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.2
 88 16.4 0.0 33.8

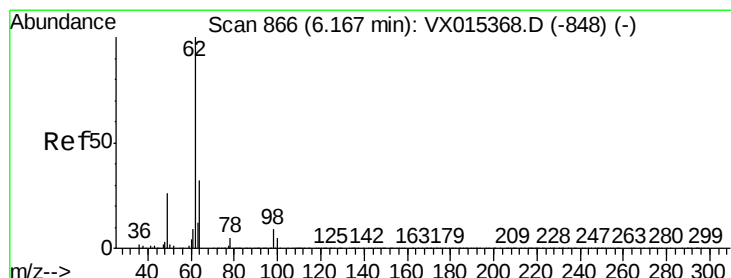
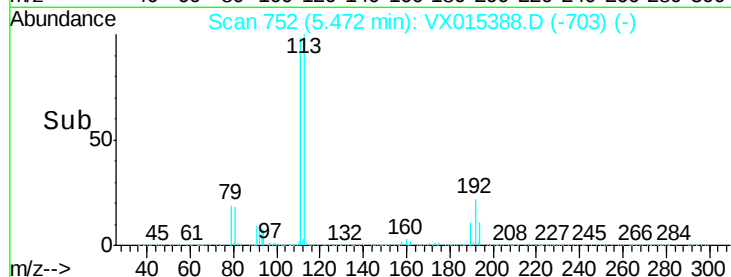
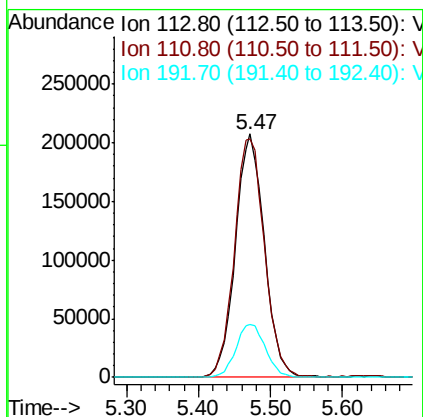
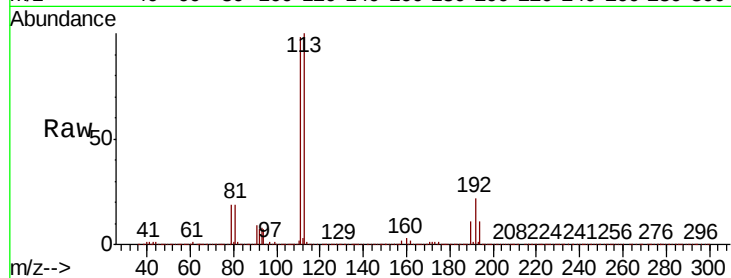




#35
Dibromofluoromethane
Concen: 48.632 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015388.D
Acq: 27 Mar 2020 17:44

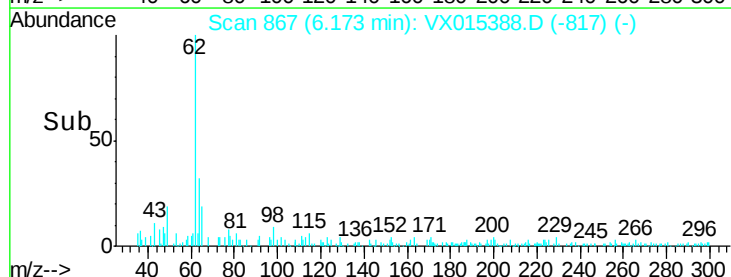
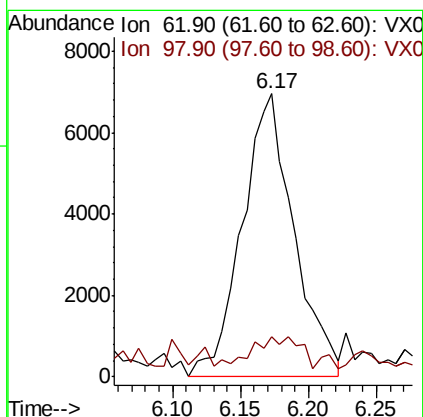
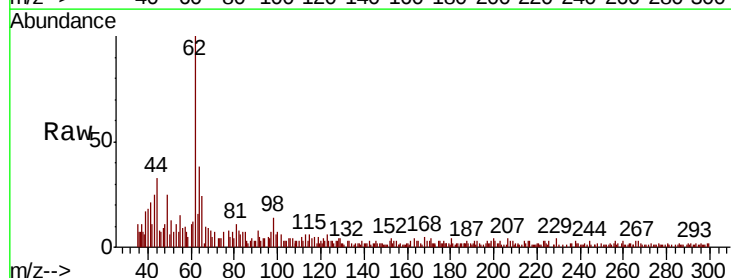
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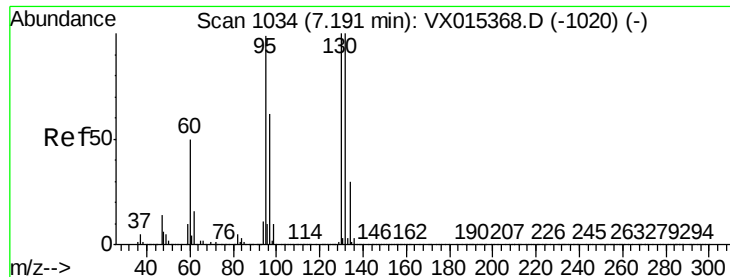
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.5	122.3
192	22.1	17.8	26.6



#42
1,2-Dichloroethane
Concen: 0.921 ug/l
RT: 6.17 min Scan# 867
Delta R.T. 0.01 min
Lab File: VX015388.D
Acq: 27 Mar 2020 17:44

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	17.6





#44

Trichloroethene

Concen: 13.023 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015388.D

Acq: 27 Mar 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

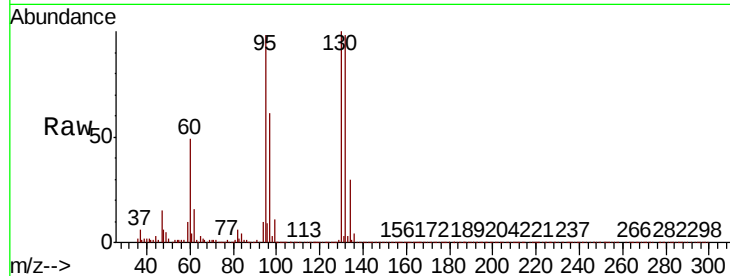
MW202D1-20200317

Tot Ion:130 Resp: 178257

Ion Ratio Lower Upper

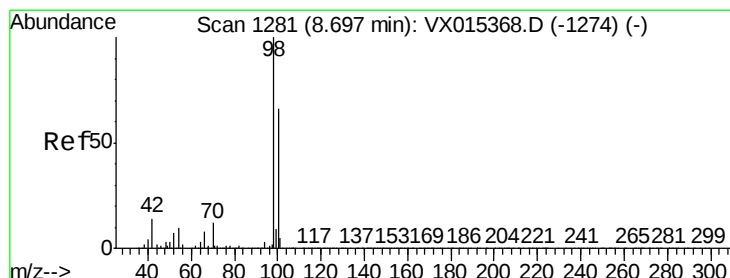
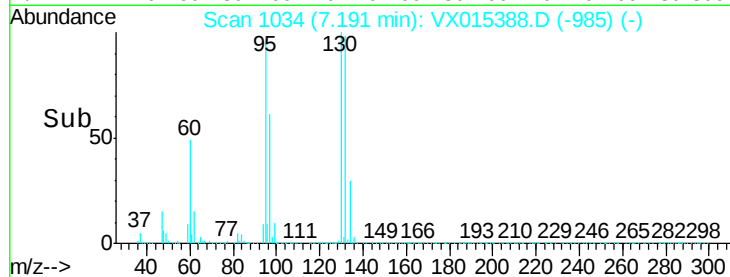
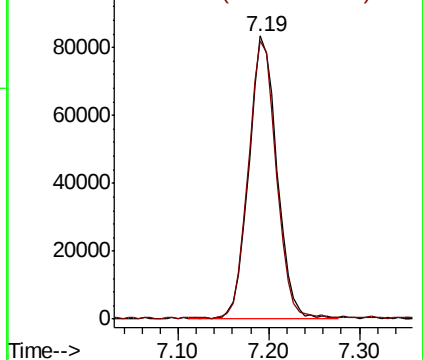
130 100

95 98.1 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.753 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015388.D

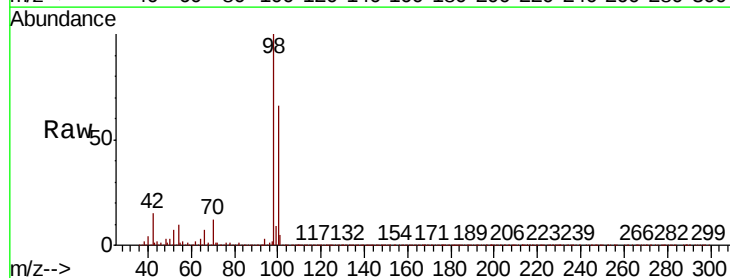
Acq: 27 Mar 2020 17:44

Tgt Ion: 98 Resp: 2264832

Ion Ratio Lower Upper

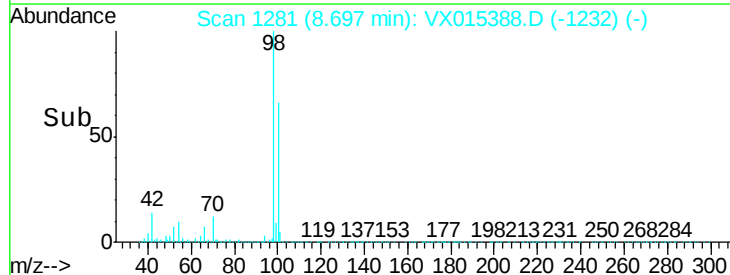
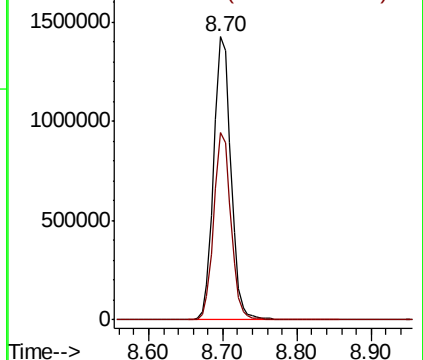
98 100

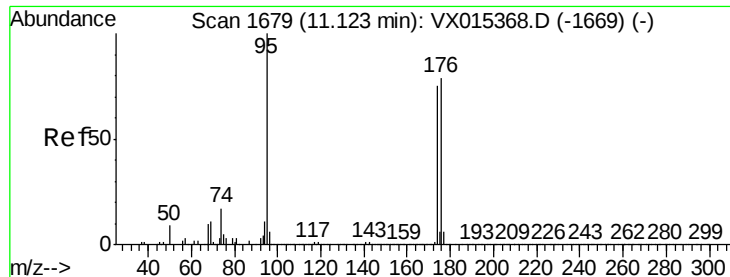
100 65.6 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 54.187 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015388.D

Acq: 27 Mar 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

MW202D1-20200317

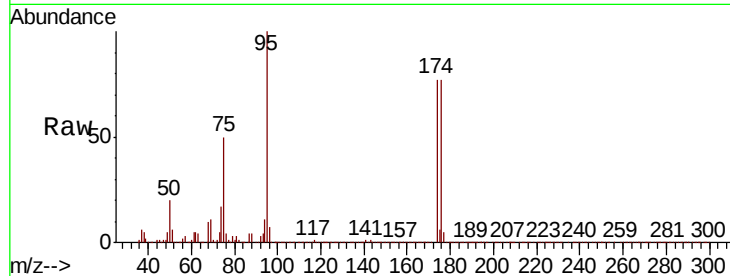
Tot Ion: 95 Resp: 963710

Ion Ratio Lower Upper

95 100

174 77.7 0.0 158.6

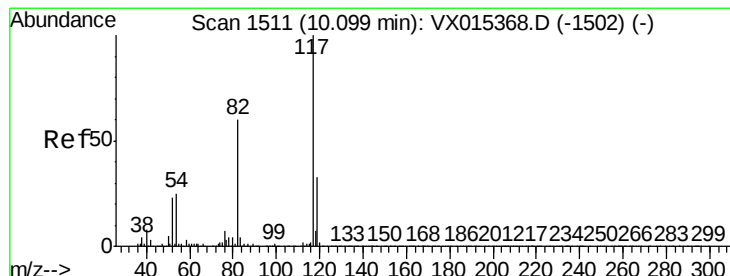
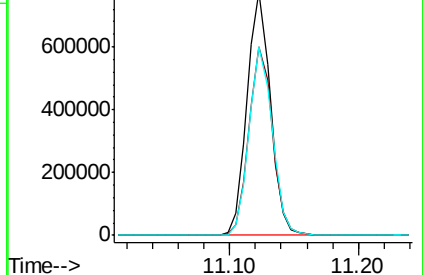
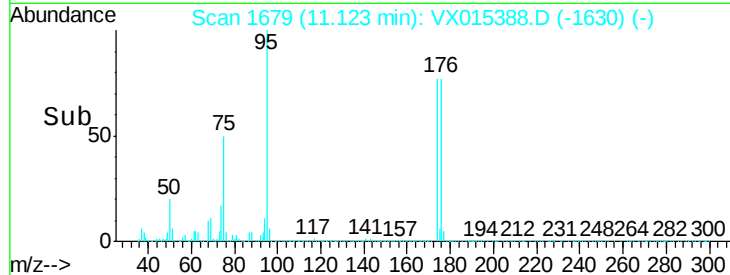
176 77.0 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX015388.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015388.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015388.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015388.D

Acq: 27 Mar 2020 17:44

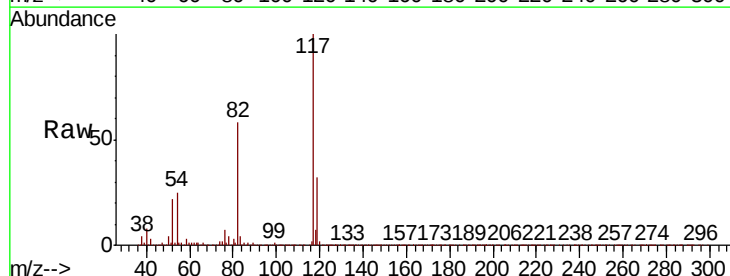
Tgt Ion: 117 Resp: 1751525

Ion Ratio Lower Upper

117 100

82 57.8 47.8 71.8

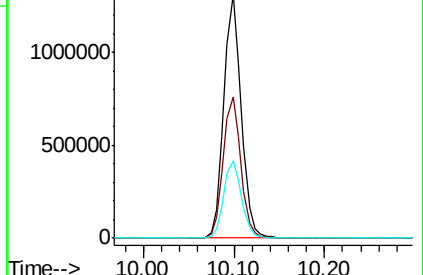
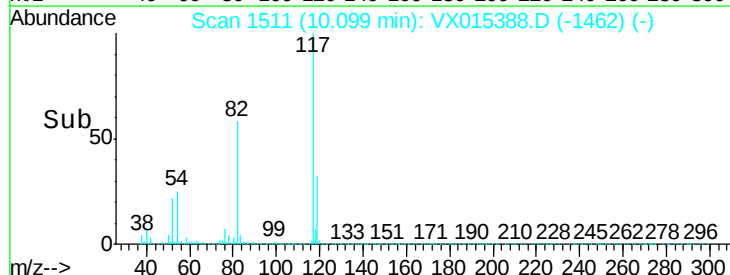
119 31.9 26.8 40.2

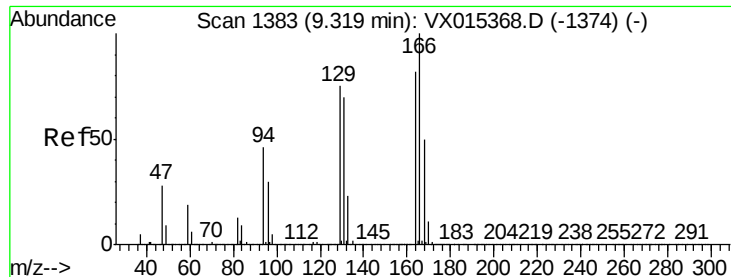


Abundance Ion 116.90 (116.60 to 117.60): VX015388.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015388.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015388.D (-1462) (-)

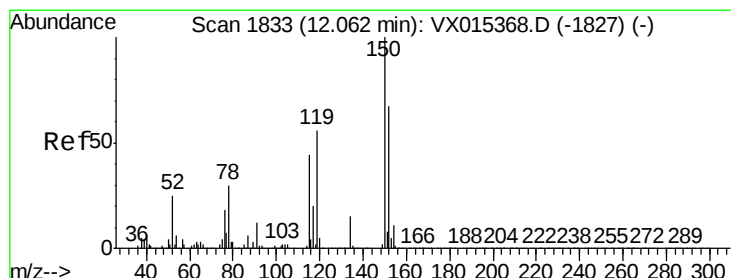
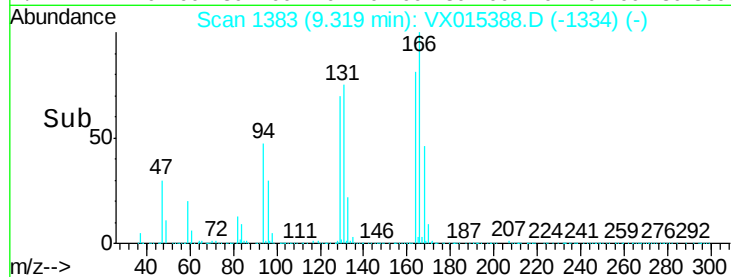
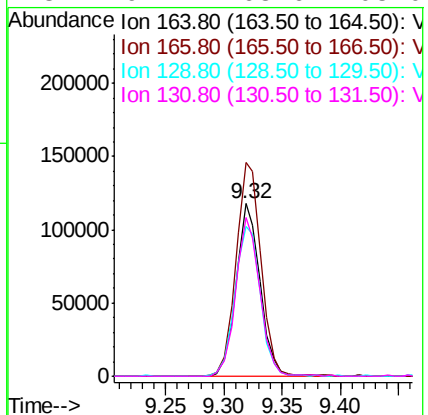
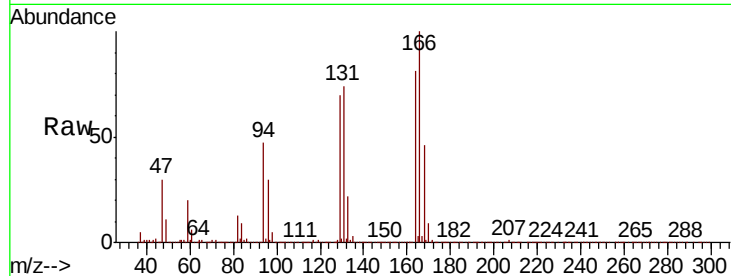




#64
Tetrachloroethene
Concen: 12.693 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015388.D
Acq: 27 Mar 2020 17:44

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20200317

Tot Ion	Ratio	Lower	Upper
164	100		
166	124.1	97.8	146.6
129	87.1	73.0	109.4
131	92.4	68.6	103.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015388.D
Acq: 27 Mar 2020 17:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	39.0	116.9
150	158.4	0.0	340.8

