

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
 Data File : VX015851.D
 Acq On : 22 Apr 2020 18:54
 Operator : JC/SP
 Sample : L2379-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW148-200420

Manual Integrations
 APPROVED

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 4/23/2020 12:15:04 PM

Quant Time: Apr 23 12:13:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	952457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1438974	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1470692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	785827	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	524023	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
35) Dibromofluoromethane	5.47	113	422032	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
50) Toluene-d8	8.70	98	1804842	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
62) 4-Bromofluorobenzene	11.12	95	752770	54.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.76%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.39	62	392030	40.563	ug/l	99
16) Acetone	2.42	43	42924	9.100	ug/l	97
24) 1,1-Dichloroethane	3.67	63	20765	1.247	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	387645	36.890	ug/l	88
31) Cyclohexane	5.55	56	34746	2.195	ug/l #	86
32) 1,1,1-Trichloroethane	5.47	97	21568	1.444	ug/l #	47
40) Benzene	6.12	78	29374	0.765	ug/l	97
65) Chlorobenzene	10.12	112	17055	0.580	ug/l	96
67) Ethyl Benzene	10.24	91	16770	0.325	ug/l	90
73) Isopropylbenzene	11.00	105	19131	0.383	ug/l	85
83) tert-Butylbenzene	11.76	119	61170	1.620	ug/l	91
85) sec-Butylbenzene	11.93	105	175801	3.533	ug/l #	56
89) n-Butylbenzene	12.37	91	11524m	0.277	ug/l	

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

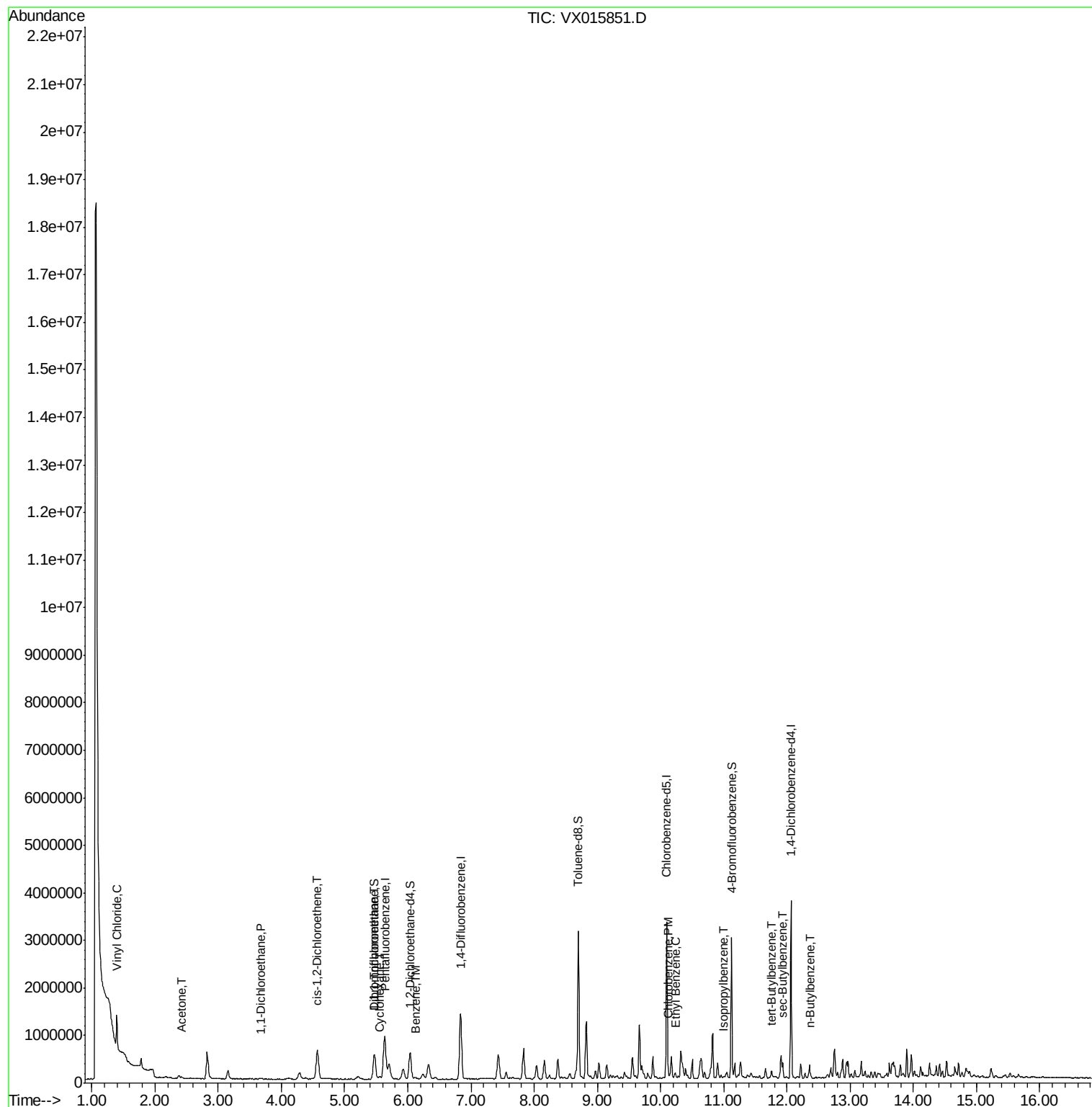
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015851.D
Acq On : 22 Apr 2020 18:54
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

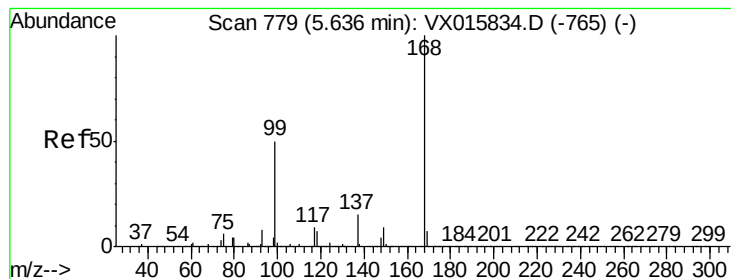
Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-200420

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Quant Time: Apr 23 12:13:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration





#1

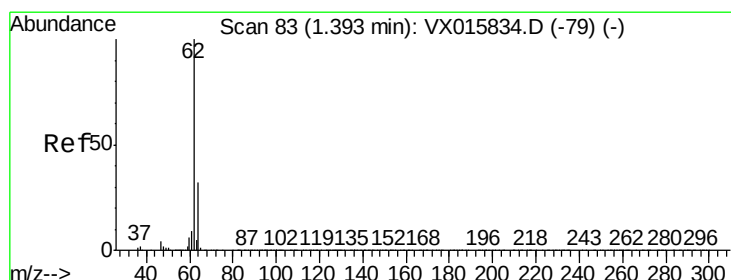
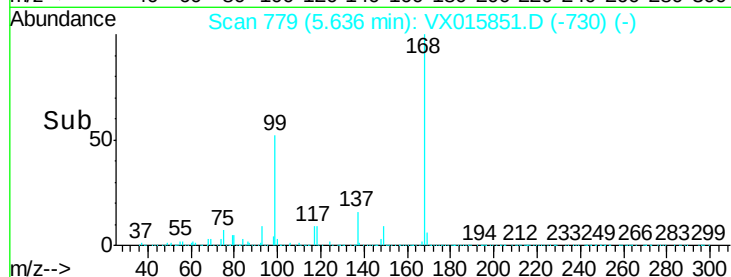
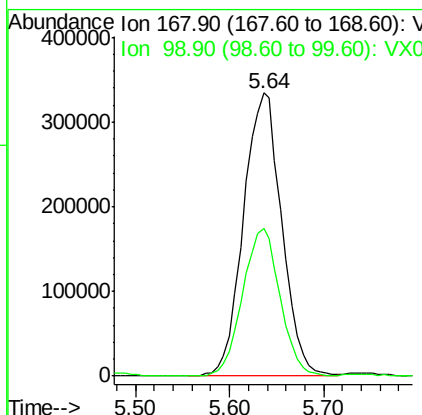
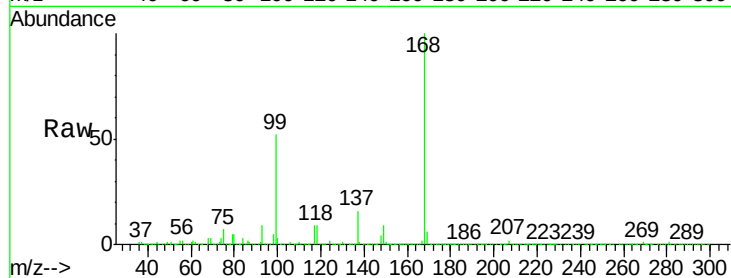
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: VX015851.D
 Acq: 22 Apr 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW148-200420

Tot Ion	Ratio	Resp	Lower	Upper
168	100	952457		
99	51.7	40.3	60.5	

Manual Integrations
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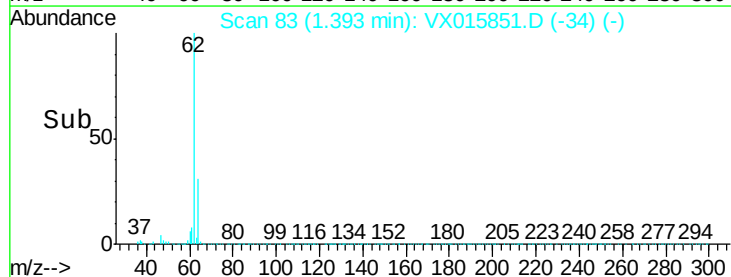
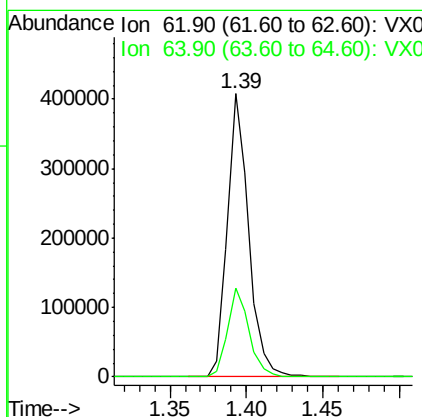
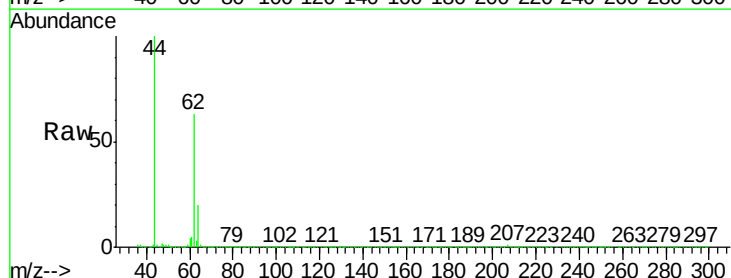
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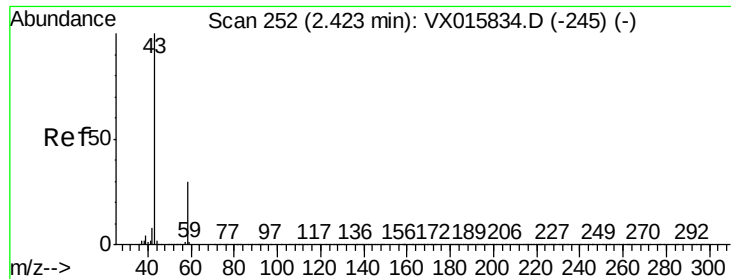


#4

Vinyl Chloride
 Concen: 40.563 ug/l
 RT: 1.39 min Scan# 83
 Delta R.T. -0.00 min
 Lab File: VX015851.D
 Acq: 22 Apr 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	392030		
64	31.5	25.4	38.2	





#16

Acetone

Concen: 9.100 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015851.D

Acq: 22 Apr 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

ST006MW148-200420

Tot Ion: 43 Resp: 42924

Ion Ratio Lower Upper

43 100

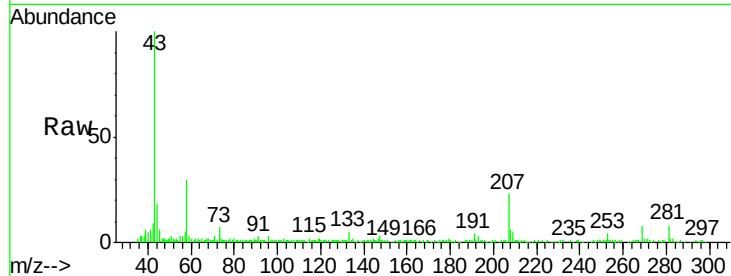
58 28.4 24.0 36.0

Manual Integrations

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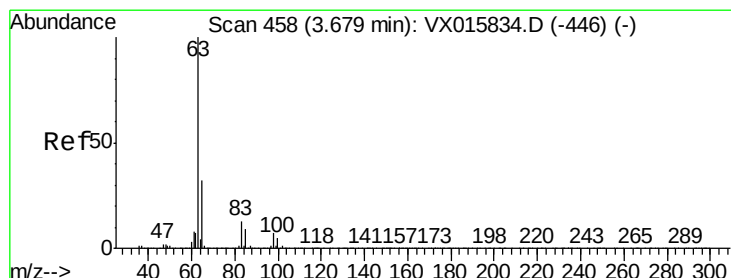
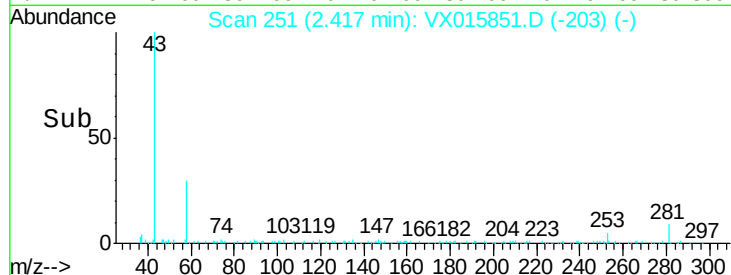
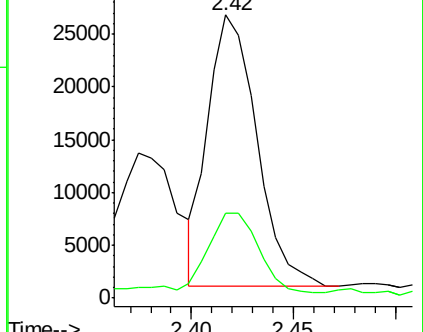
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#24

1,1-Dichloroethane

Concen: 1.247 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015851.D

Acq: 22 Apr 2020 18:54

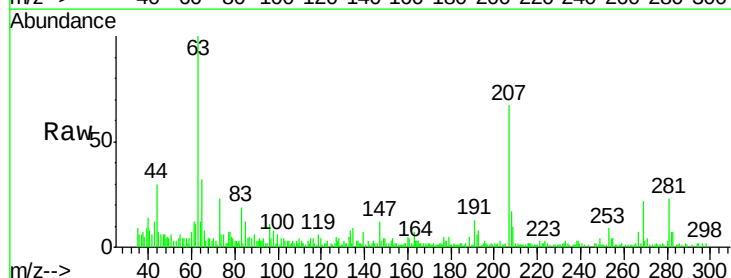
Tgt Ion: 63 Resp: 20765

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

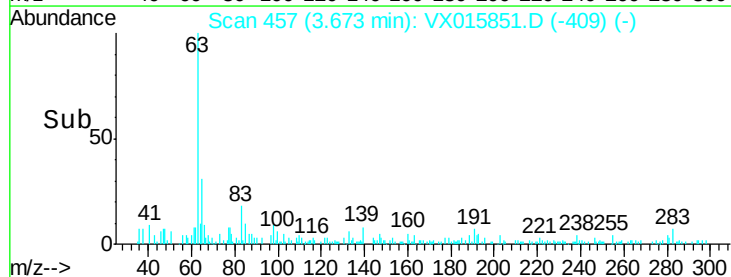
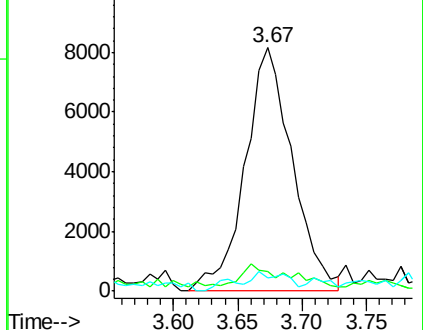
100 4.0 2.3 6.8

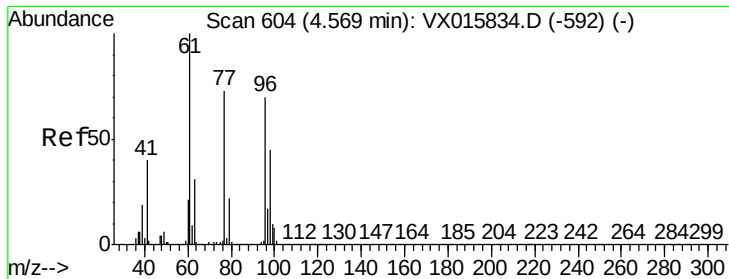


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#27

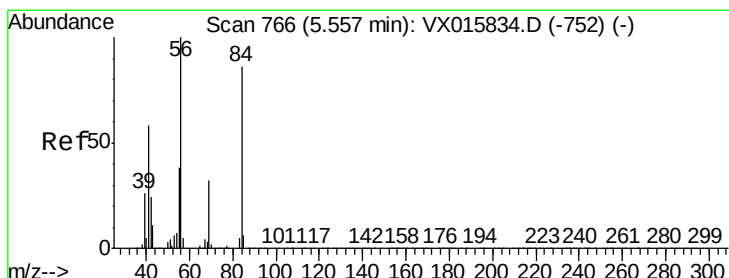
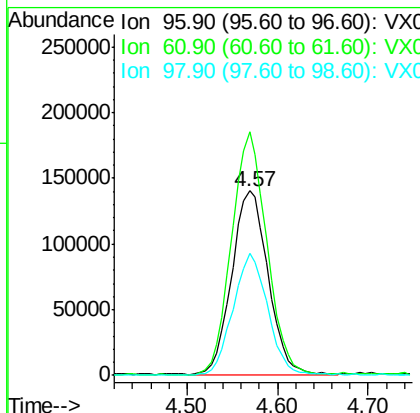
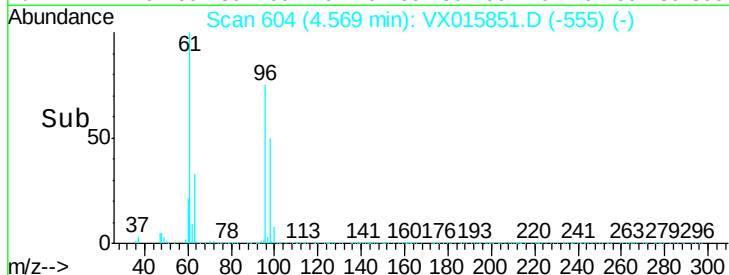
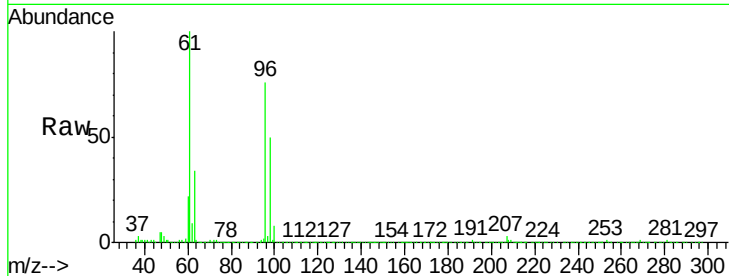
cis-1,2-Dichloroethene
Concen: 36.890 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX015851.D
Acq: 22 Apr 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-200420

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	128.9	0.0	299.4
98	63.8	0.0	129.6

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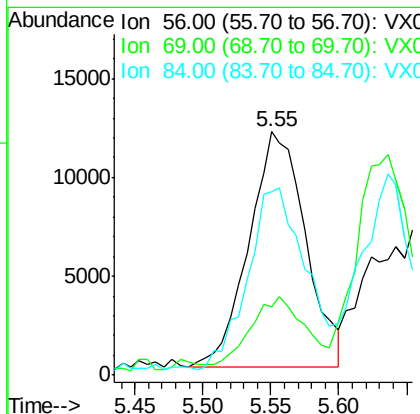
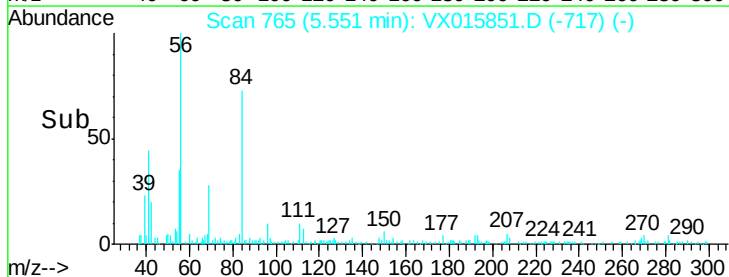
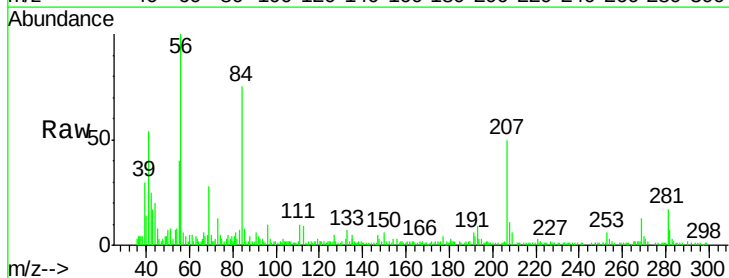
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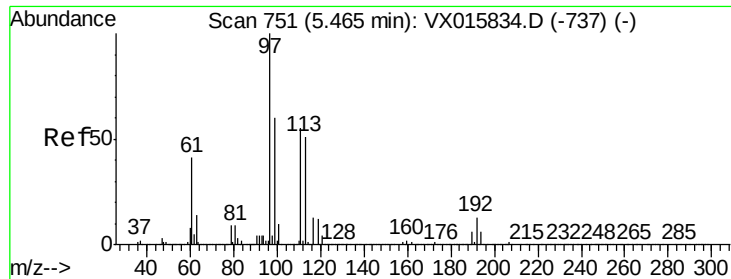


#31

Cyclohexane
Concen: 2.195 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015851.D
Acq: 22 Apr 2020 18:54

Tgt Ion	Ratio	Resp Lower	Upper
56	100		
69	23.0	25.3	37.9#
84	74.6	69.1	103.7





#32

1,1,1-Trichloroethane

Concen: 1.444 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX015851.D

Acq: 22 Apr 2020 18:54

Instrument :

MSVOA_X

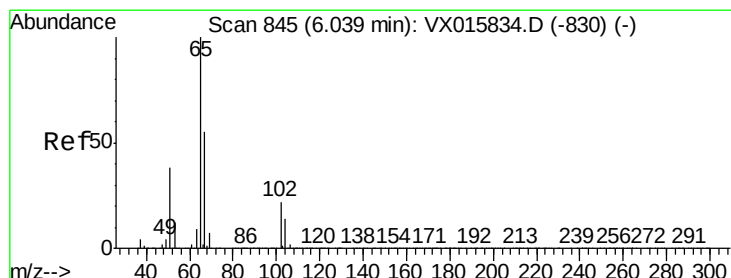
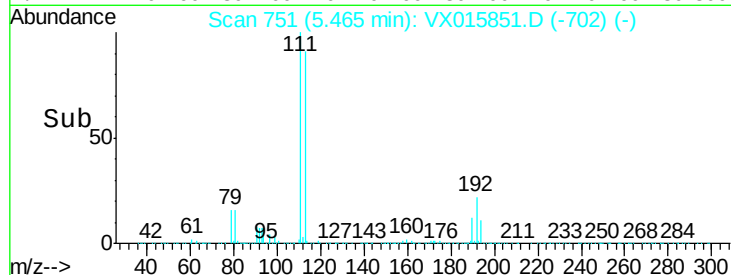
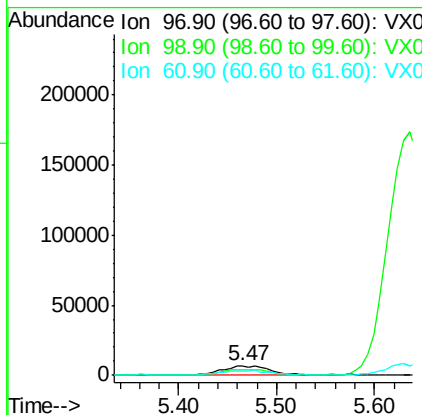
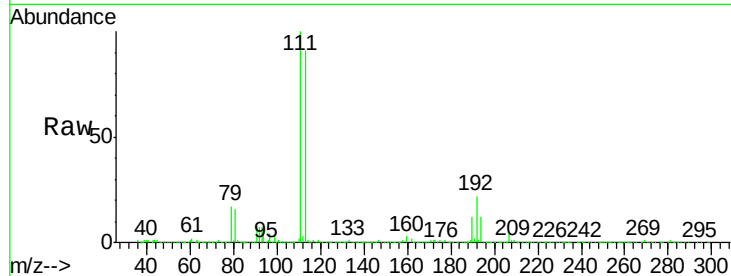
ClientSampleId :

ST006MW148-200420

Tot Ion:	97	Resp:	21568
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.2	76.8#
61	48.8	34.1	51.1

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#33

1,2-Dichloroethane-d4

Concen: 48.374 ug/l

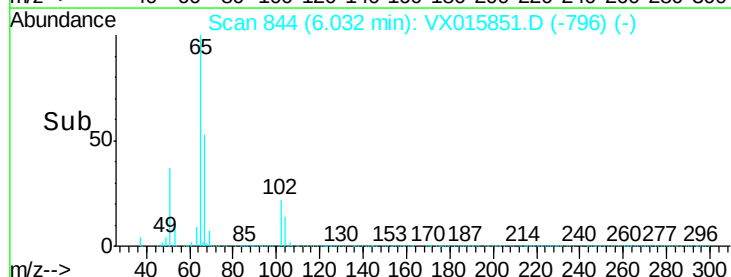
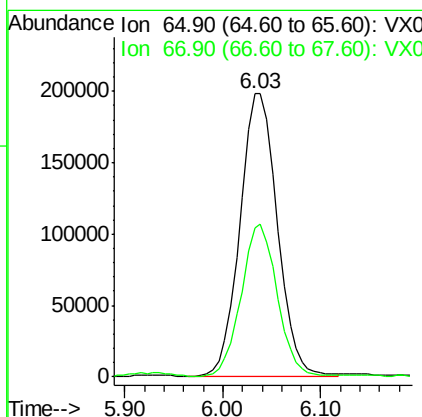
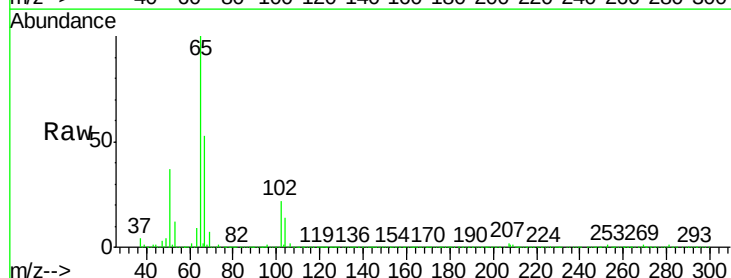
RT: 6.03 min Scan# 844

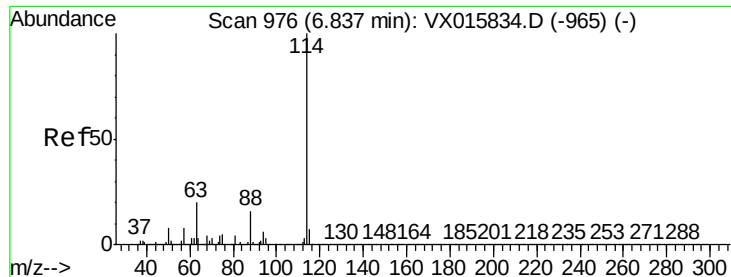
Delta R.T. -0.01 min

Lab File: VX015851.D

Acq: 22 Apr 2020 18:54

Tgt Ion:	65	Resp:	524023
Ion Ratio	Lower	Upper	
65	100		
67	52.1	0.0	104.2





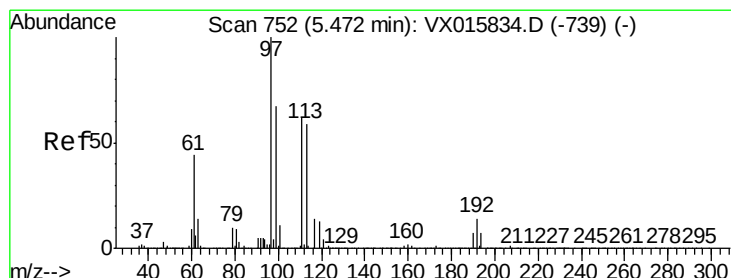
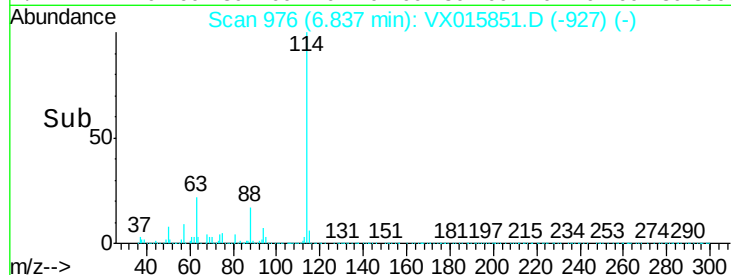
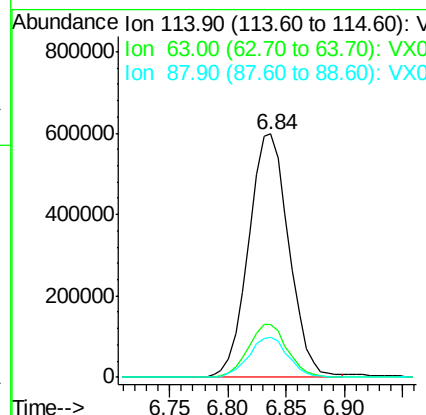
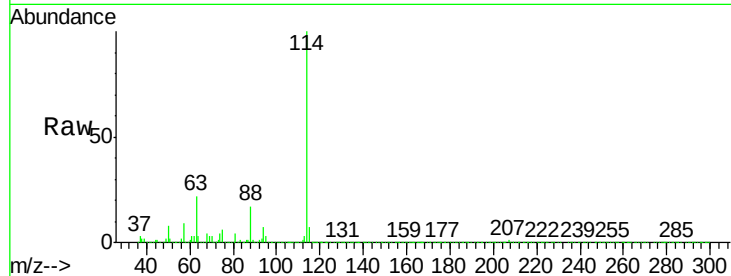
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. -0.00 min
Lab File: VX015851.D
Acq: 22 Apr 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-200420

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	40.6
88	16.7	0.0	32.8

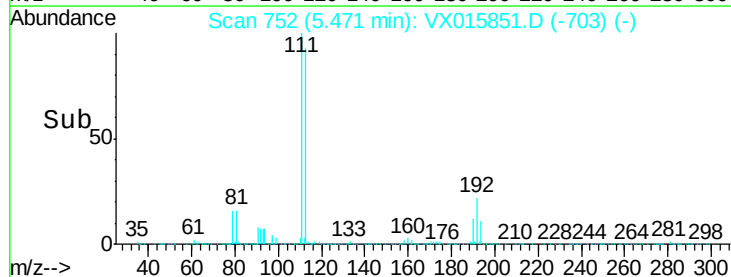
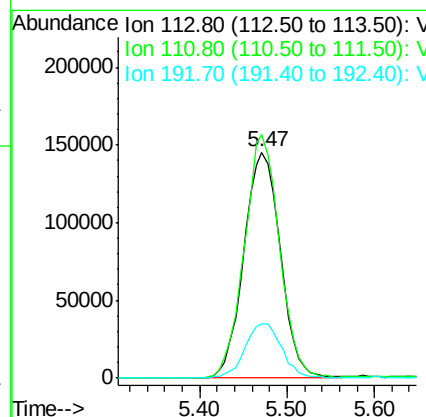
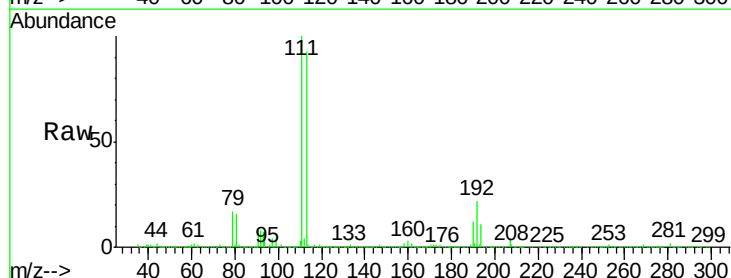
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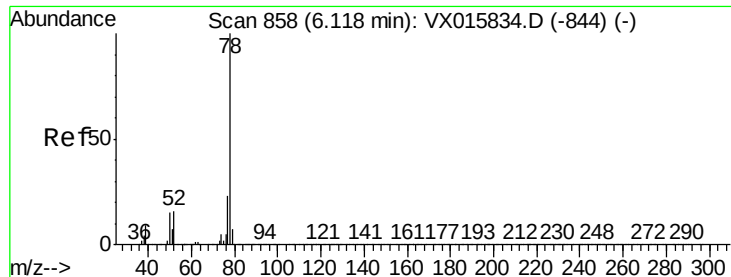
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#35
Dibromofluoromethane
Concen: 50.810 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015851.D
Acq: 22 Apr 2020 18:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	24.3	19.3	28.9





#40

Benzene

Concen: 0.765 ug/l

RT: 6.12 min Scan# 858

Delta R.T. -0.00 min

Lab File: VX015851.D

Acq: 22 Apr 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

ST006MW148-200420

Tot Ion: 78 Resp: 29374

Ion Ratio Lower Upper

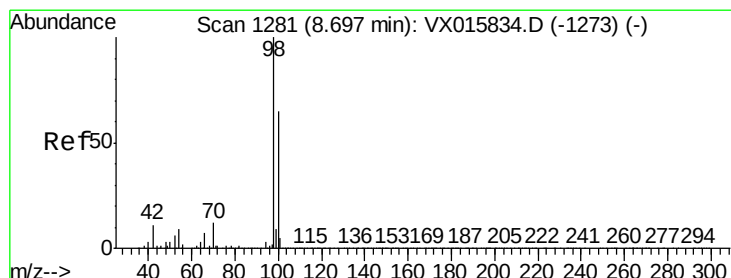
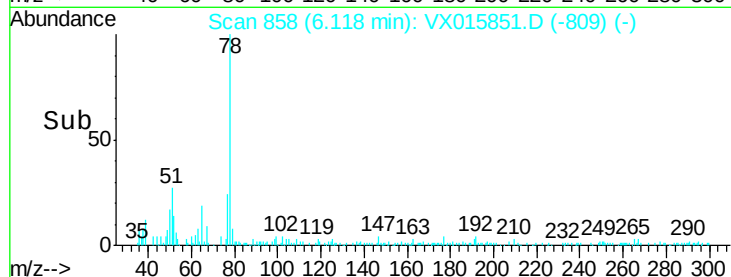
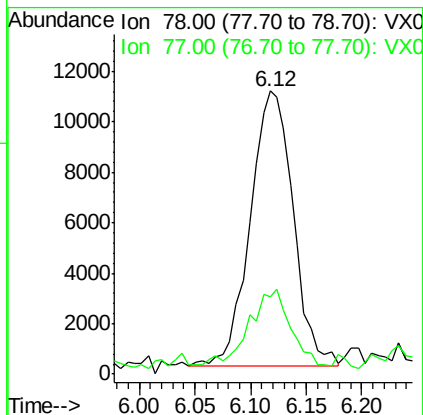
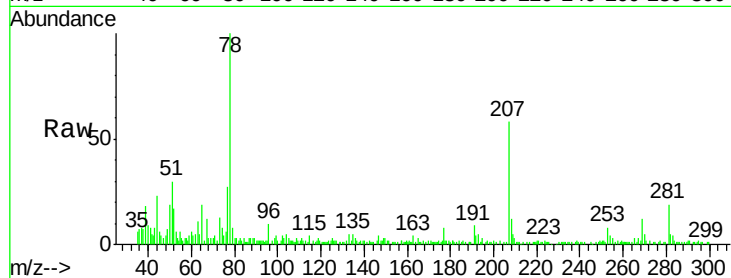
78 100

77 24.7 18.6 27.8

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#50

Toluene-d8

Concen: 53.977 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015851.D

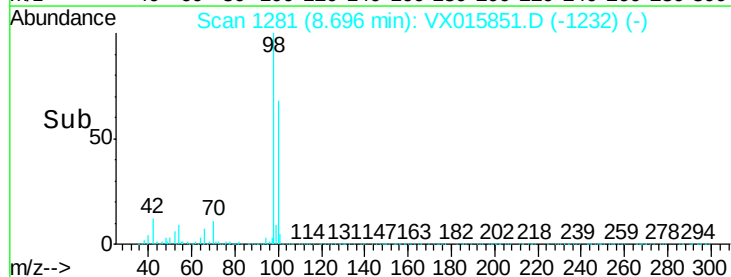
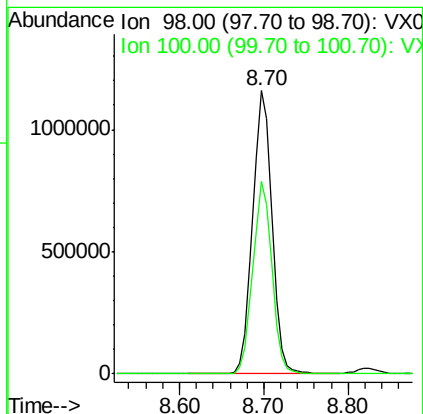
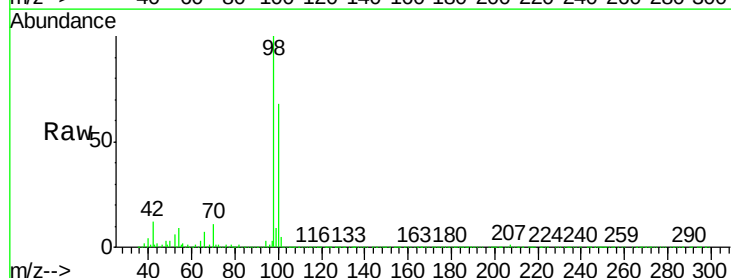
Acq: 22 Apr 2020 18:54

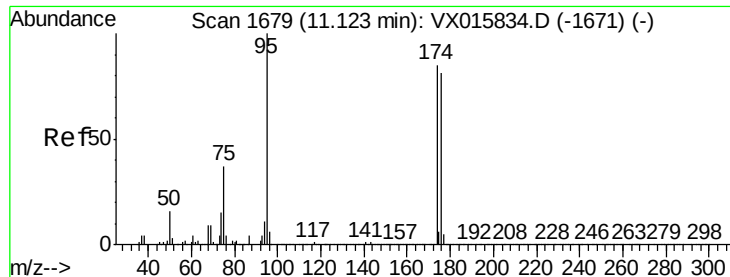
Tgt Ion: 98 Resp: 1804842

Ion Ratio Lower Upper

98 100

100 66.7 53.8 80.6





#62

4-Bromofluorobenzene

Concen: 54.879 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015851.D

Acq: 22 Apr 2020 18:54

Instrument :

MSVOA_X

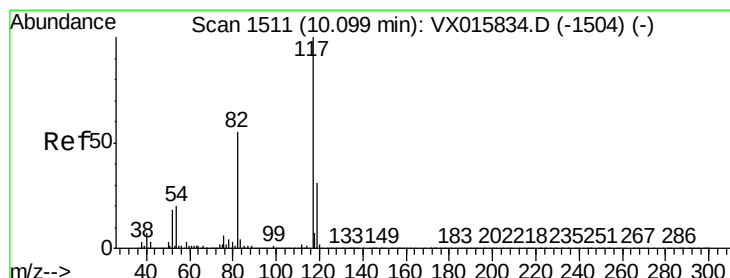
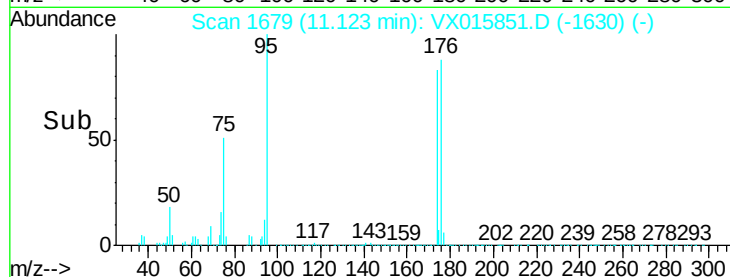
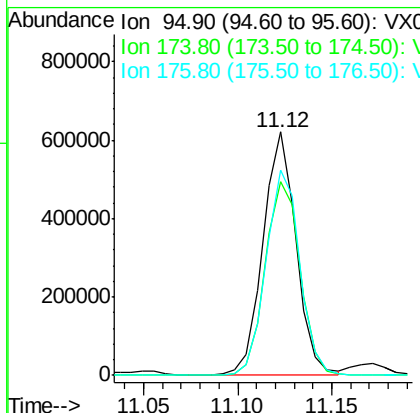
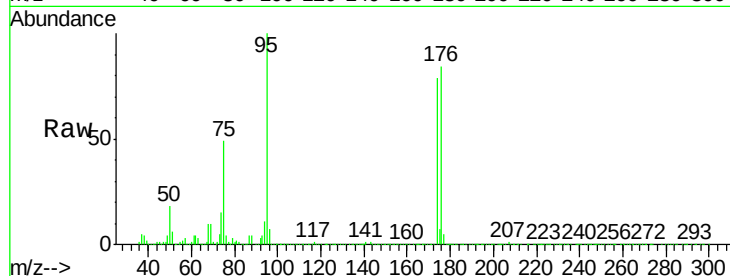
ClientSampleId :

ST006MW148-200420

Tot Ion:	95	Resp:	752770
Ion Ratio	Lower	Upper	
95	100		
174	84.4	0.0	172.4
176	86.6	0.0	167.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

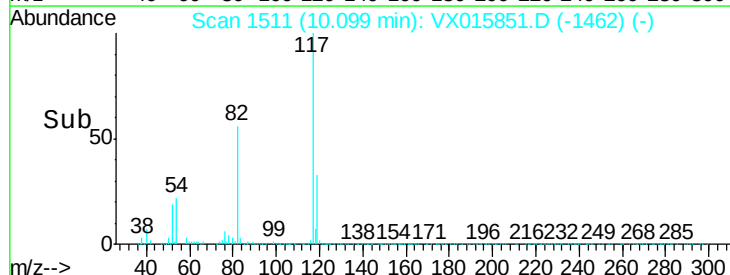
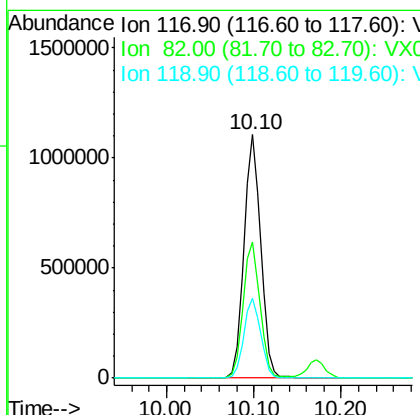
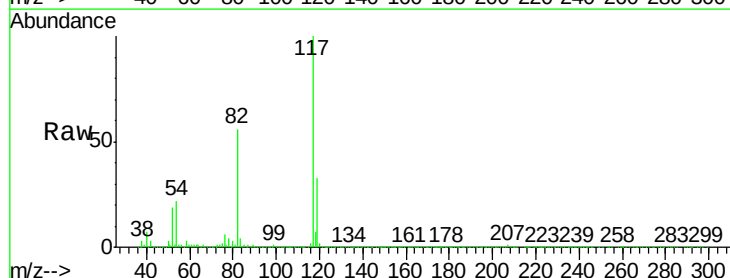
RT: 10.10 min Scan# 1511

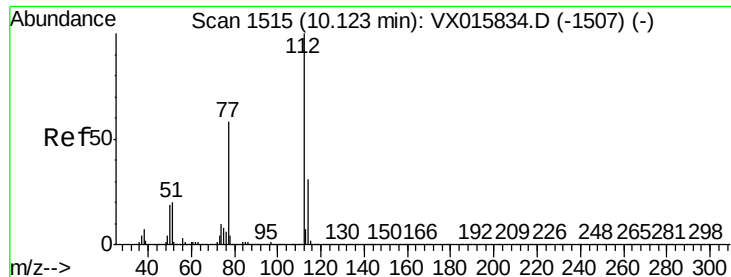
Delta R.T. -0.00 min

Lab File: VX015851.D

Acq: 22 Apr 2020 18:54

Tgt Ion:	117	Resp:	1470692
Ion Ratio	Lower	Upper	
117	100		
82	55.6	43.9	65.9
119	32.8	25.1	37.7





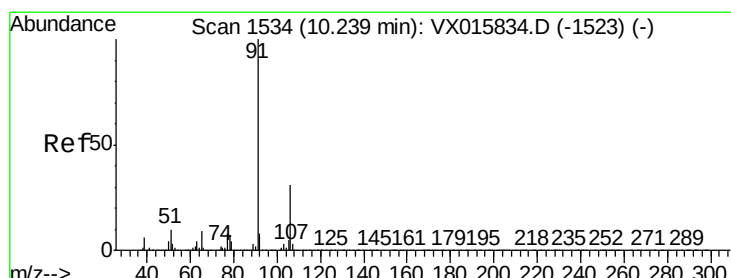
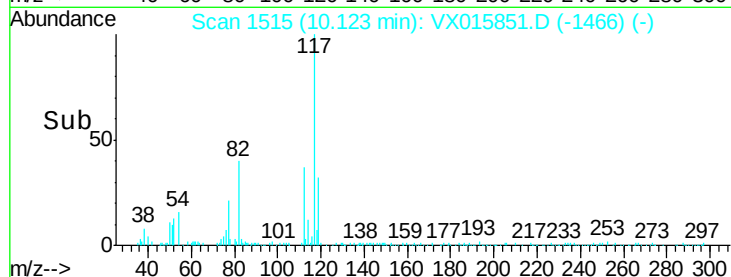
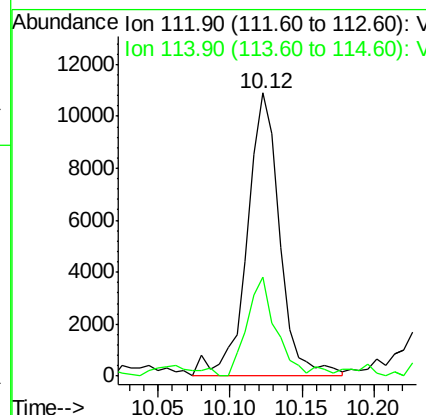
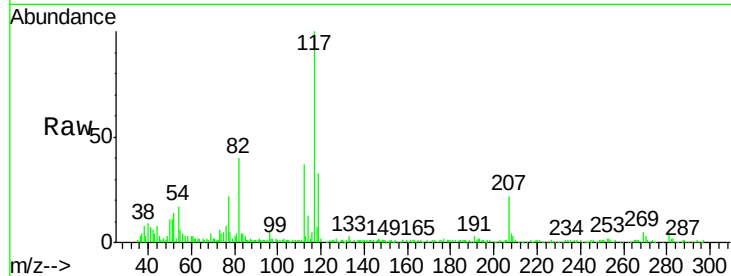
#65
Chlorobenzene
Concen: 0.580 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015851.D
Acq: 22 Apr 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-200420

Tot Ion: 112 Resp: 17055
Ion Ratio Lower Upper
112 100
114 33.3 25.0 37.4

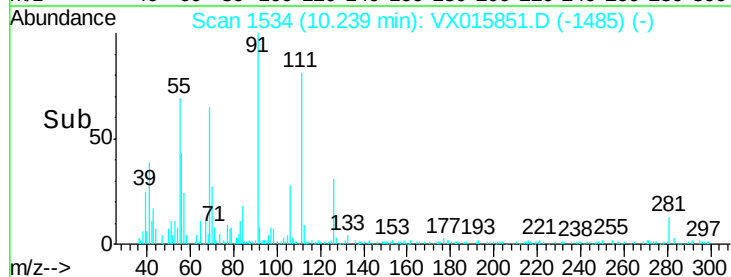
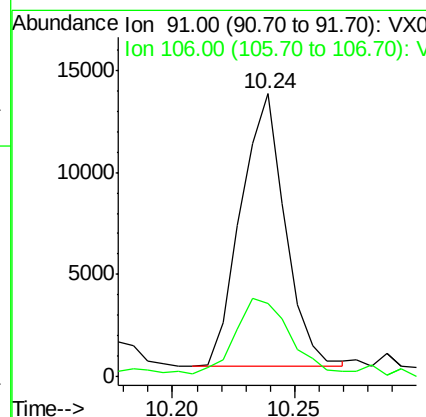
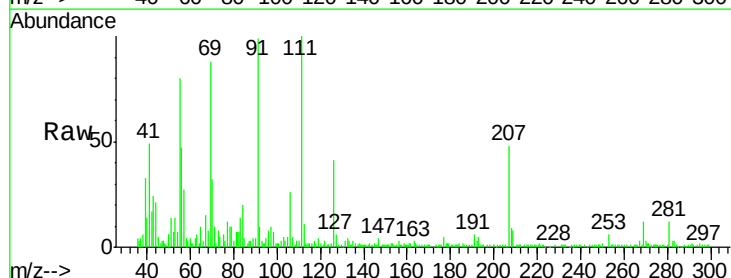
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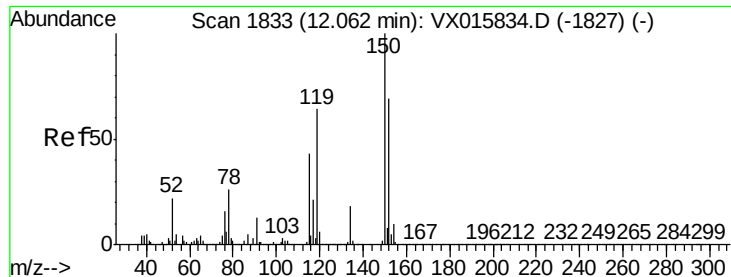
MMDadoda
4/23/2020 12:15:04 PM



#67
Ethyl Benzene
Concen: 0.325 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015851.D
Acq: 22 Apr 2020 18:54

Tgt Ion: 91 Resp: 16770
Ion Ratio Lower Upper
91 100
106 25.9 25.0 37.4





#72

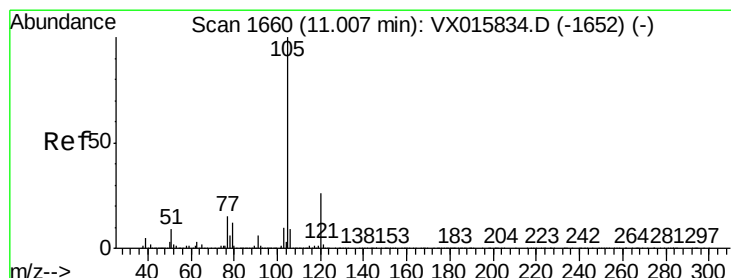
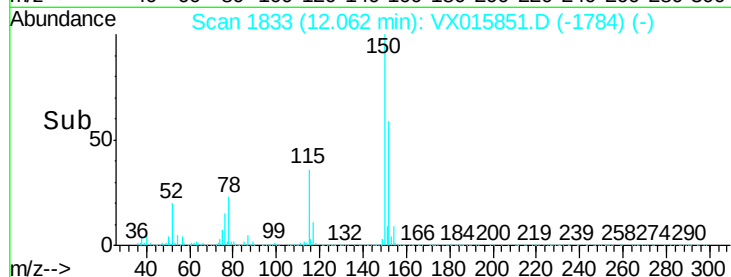
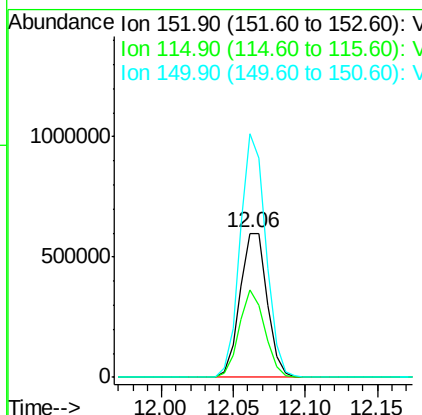
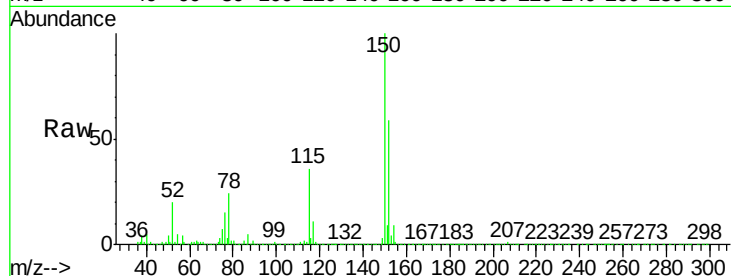
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015851.D
Acq: 22 Apr 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-200420

Tot Ion	Ratio	Resp	Lower	Upper
152	100	785827		
115	56.7	39.0	116.9	
150	159.2	0.0	336.8	

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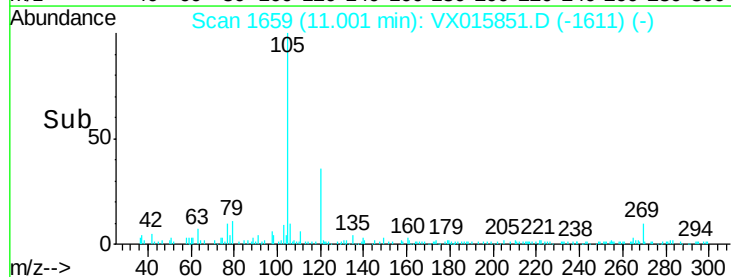
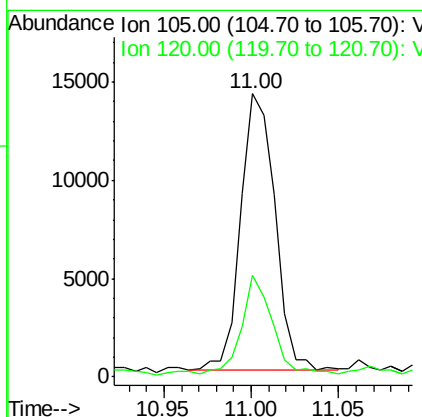
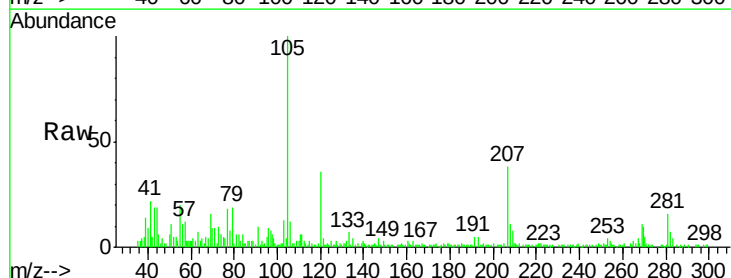
MMDadoda
4/23/2020 12:15:04 PM

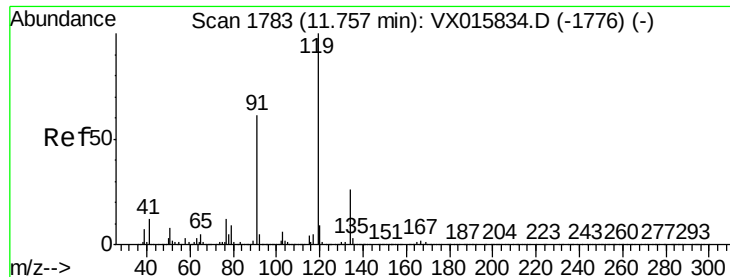


#73

Isopropylbenzene
Concen: 0.383 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX015851.D
Acq: 22 Apr 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	19131		
120	33.6	13.1	39.1	





#83

tert-Butylbenzene

Concen: 1.620 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015851.D

Acq: 22 Apr 2020 18:54

Instrument :

MSVOA_X

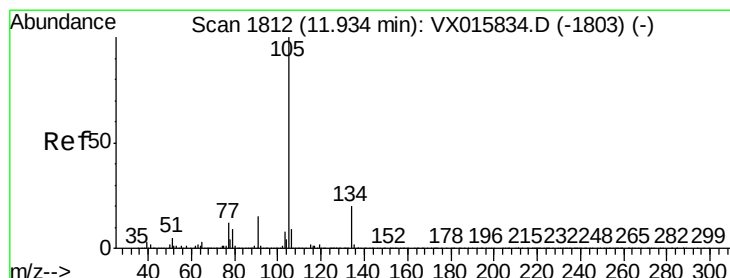
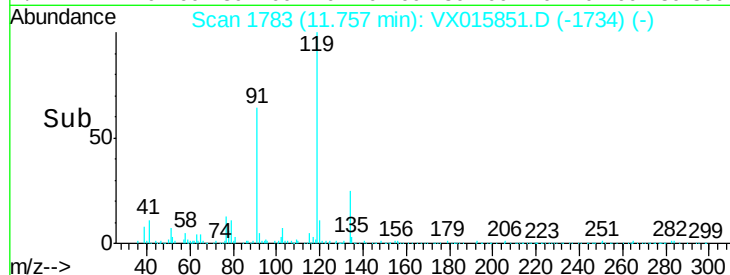
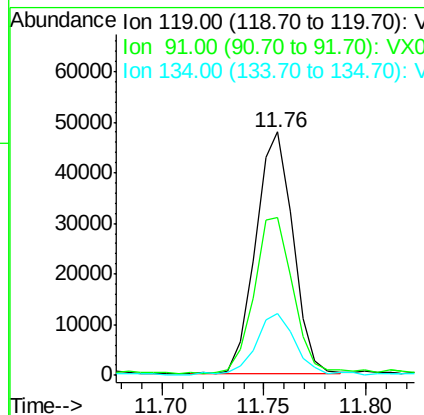
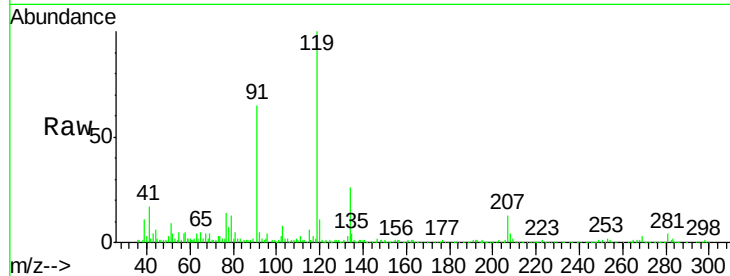
ClientSampleId :

ST006MW148-200420

Tot Ion:	119	Resp:	61170
Ion Ratio	Lower	Upper	
119	100		
91	70.0	30.9	92.7
134	28.1	12.4	37.2

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#85

sec-Butylbenzene

Concen: 3.533 ug/l

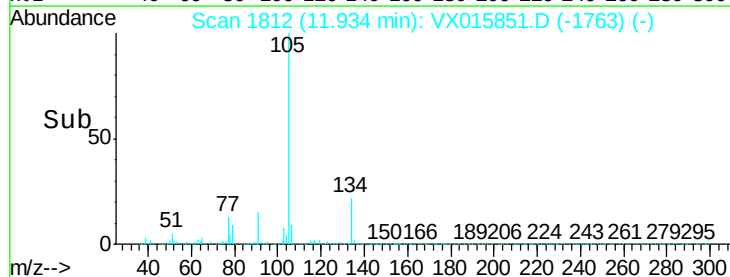
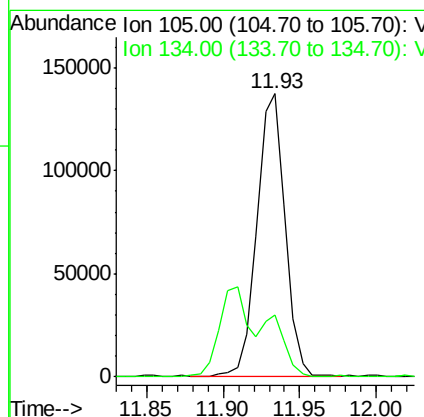
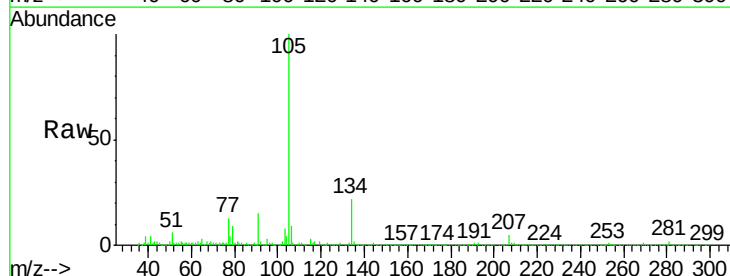
RT: 11.93 min Scan# 1812

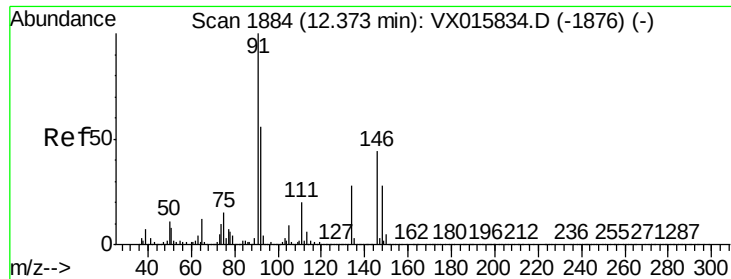
Delta R.T. -0.00 min

Lab File: VX015851.D

Acq: 22 Apr 2020 18:54

Tgt Ion:	105	Resp:	175801
Ion Ratio	Lower	Upper	
105	100		
134	0.0	10.3	30.8#





#89
 n-Butylbenzene
 Concen: 0.277 ug/l m
 RT: 12.37 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX015851.D
 Acq: 22 Apr 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW148-200420

Tot Ion	Ratio	Lower	Upper
91	100		
92	56.2	27.7	83.1
134	106.7	14.1	42.4

Manual Integrations
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 4/23/2020 12:15:04 PM

