

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX052920\
 Data File : VX016506.D
 Acq On : 29 May 2020 13:24
 Operator : JC/SP
 Sample : L2795-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WATER-COMP-214-215

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:28:15 PM

Quant Time: May 30 06:15:10 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	289398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	466742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	468306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	228299	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	172161	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
35) Dibromofluoromethane	5.46	113	138112	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
50) Toluene-d8	8.70	98	575823	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.12	95	233368	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.98%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	3.01	59	5932	6.44	ug/l	99
16) Acetone	2.42	43	70468	44.75	ug/l	99
17) Carbon Disulfide	2.55	76	20757	2.51	ug/l	95
25) 2-Butanone	4.64	43	34862	13.07	ug/l	97
40) Benzene	6.12	78	4646	0.35	ug/l	92
51) 4-Methyl-2-Pentanone	8.62	43	12288	2.38	ug/l	98
52) Toluene	8.76	92	14684	1.77	ug/l	99
59) 2-Hexanone	9.48	43	14804	3.69	ug/l	99
67) Ethyl Benzene	10.24	91	8984	0.53	ug/l	92
68) m/p-Xylenes	10.34	106	14480	2.30	ug/l	98
69) o-Xylene	10.68	106	9874	1.62	ug/l	99
78) n-propylbenzene	11.34	91	5458	0.31	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	12041	0.91	ug/l	93
84) 1,2,4-Trimethylbenzene	11.79	105	40548	3.04	ug/l	98
86) p-Isopropyltoluene	12.05	119	25163	1.90	ug/l	95
89) n-Butylbenzene	12.37	91	5677m	0.51	ug/l	
93) 1,2,4-Trichlorobenzene	13.63	180	1423	0.31	ug/l #	75
95) Naphthalene	13.82	128	19676	1.24	ug/l #	93

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

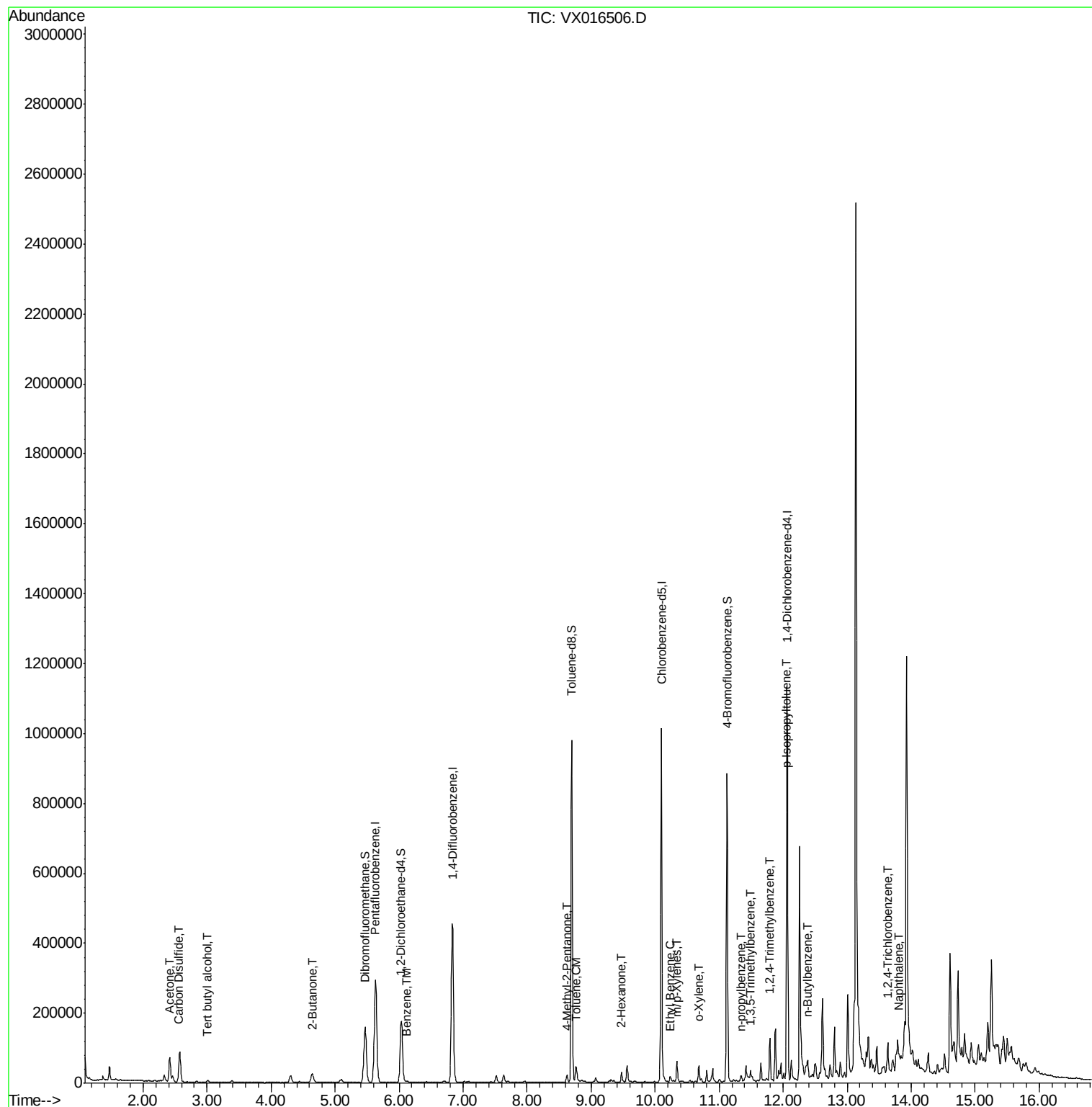
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX052920\
Data File : VX016506.D
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Operator : JC/SP
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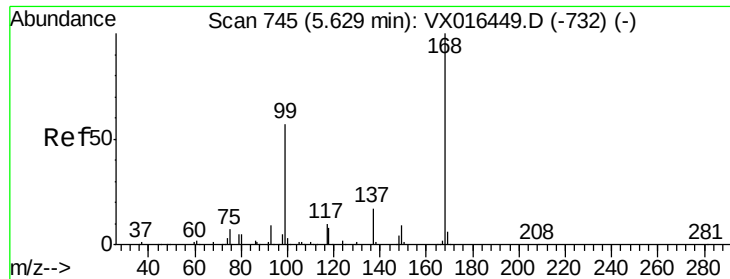
Instrument :
MSVOA_X
ClientSampleId :
WATER-COMP-214-215

Manual Integrations
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Quant Time: May 30 06:15:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016506.D

Acq: 29 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

WATER-COMP-214-215

Tgt Ion: 168 Resp: 289398

Ion Ratio Lower Upper

168 100

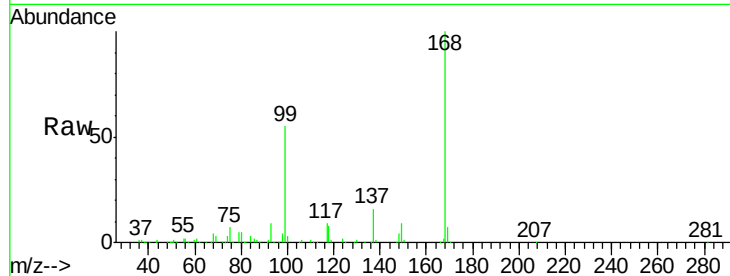
99 54.9 45.2 67.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

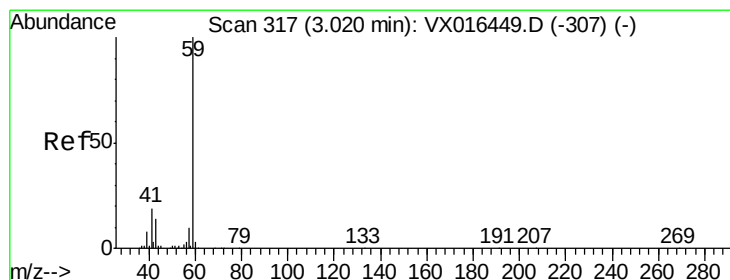
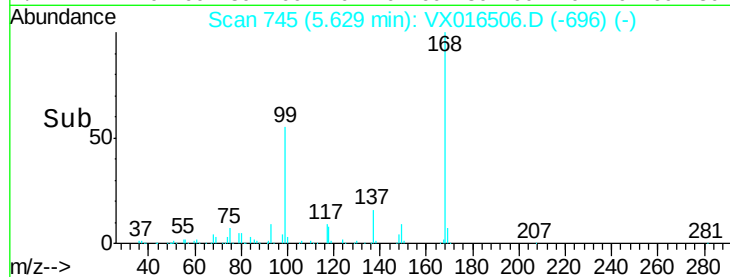
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 6.44 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX016506.D

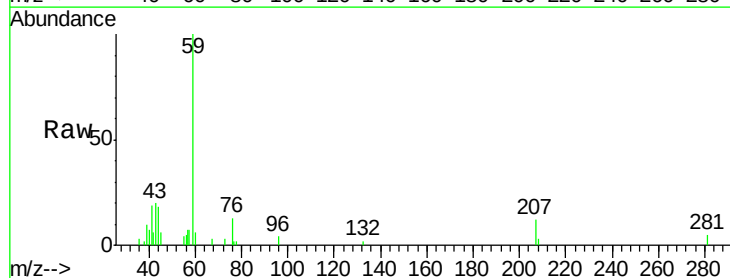
Acq: 29 May 2020 13:24

Tgt Ion: 59 Resp: 5932

Ion Ratio Lower Upper

59 100

57 10.5 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

3000

2500

2000

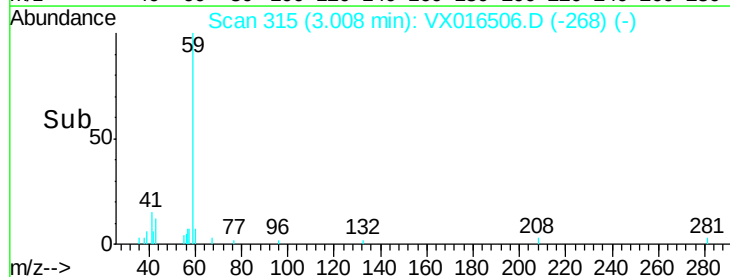
1500

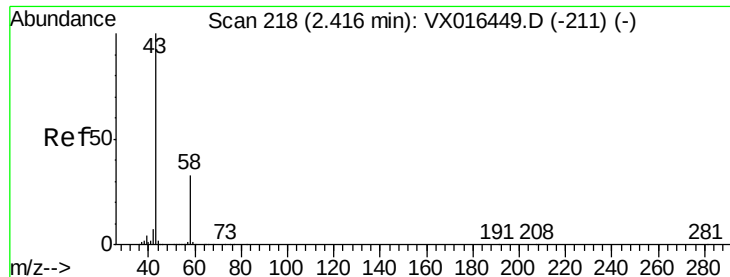
1000

500

0

Time-->





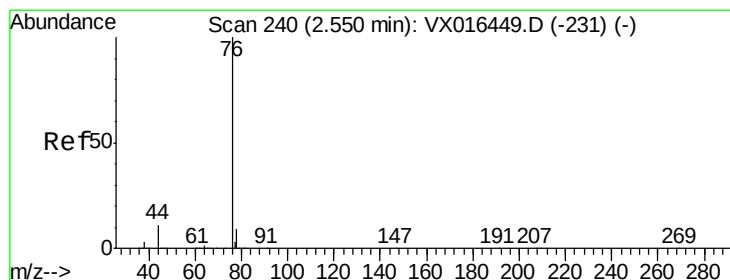
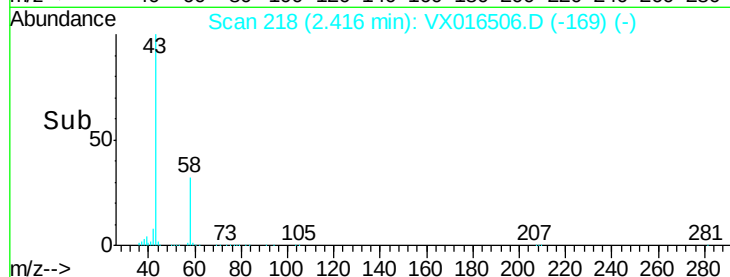
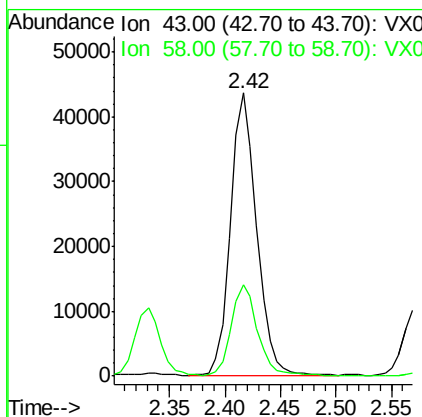
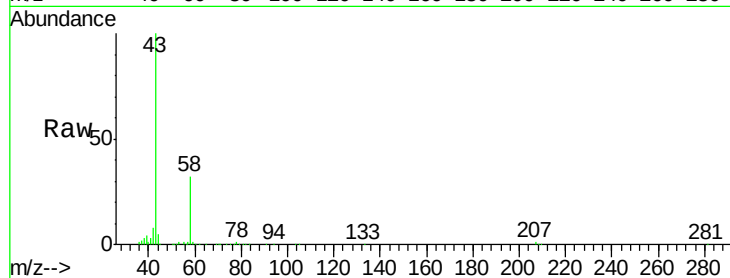
#16
Acetone
Concen: 44.75 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX016506.D
Acq: 29 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
WATER-COMP-214-215

Tgt Ion: 43 Resp: 70468
Ion Ratio Lower Upper
43 100
58 32.2 26.1 39.1

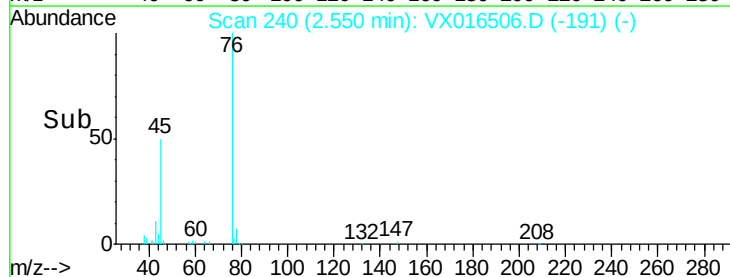
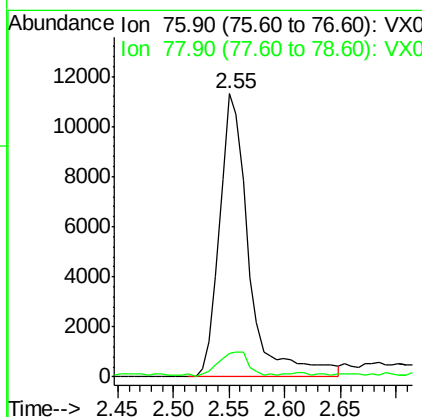
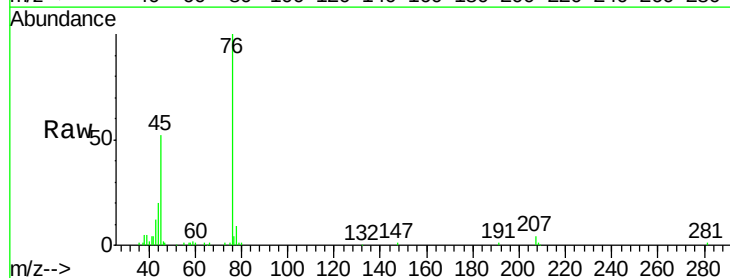
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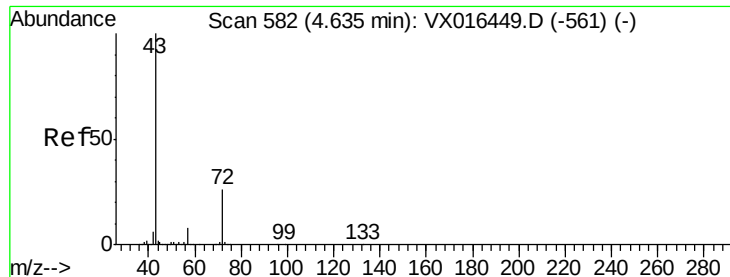
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#17
Carbon Disulfide
Concen: 2.51 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016506.D
Acq: 29 May 2020 13:24

Tgt Ion: 76 Resp: 20757
Ion Ratio Lower Upper
76 100
78 7.6 7.4 11.0





#25

2-Butanone

Concen: 13.07 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016506.D

Acq: 29 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

WATER-COMP-214-215

Tgt Ion: 43 Resp: 34862

Ion Ratio Lower Upper

43 100

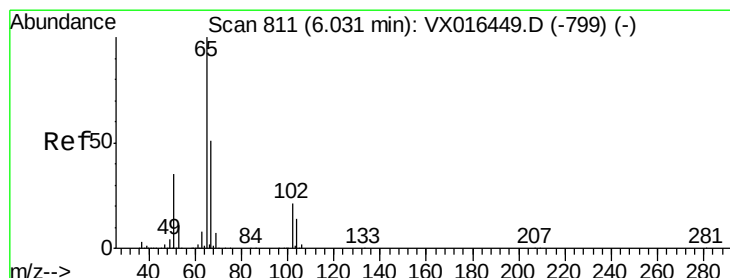
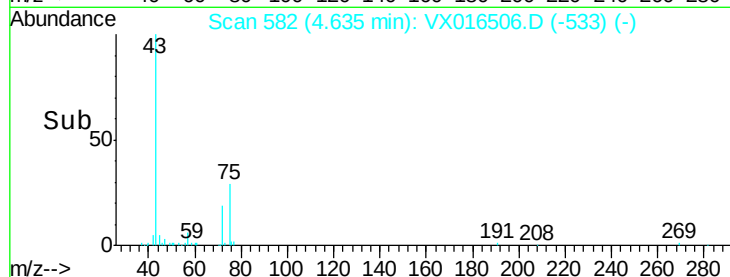
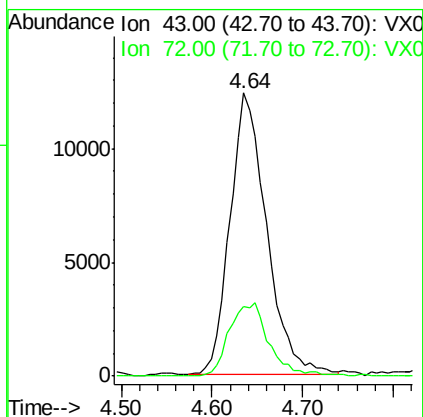
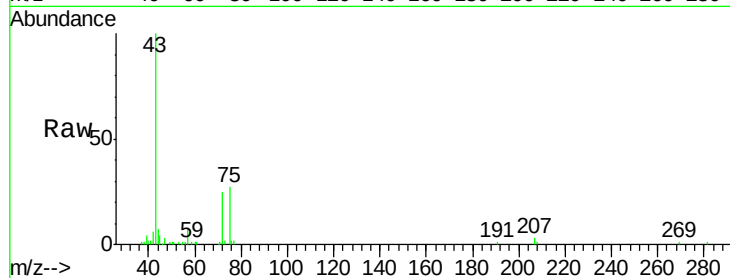
72 24.8 21.0 31.6

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#33

1,2-Dichloroethane-d4

Concen: 47.90 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016506.D

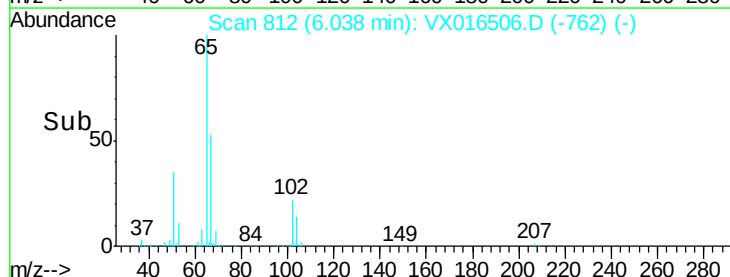
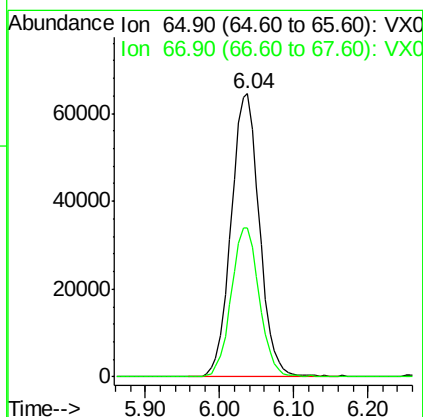
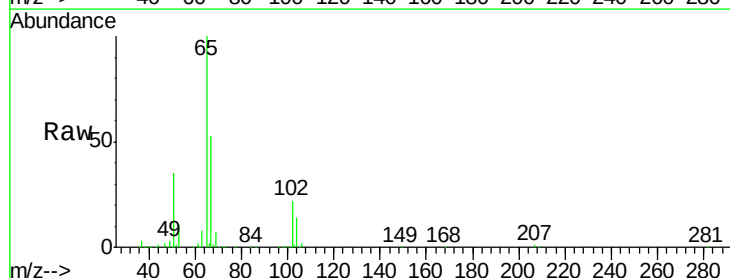
Acq: 29 May 2020 13:24

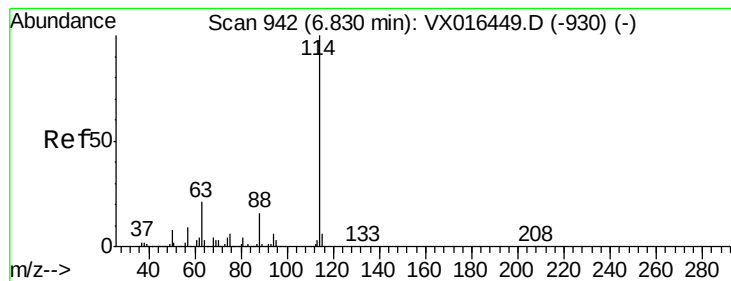
Tgt Ion: 65 Resp: 172161

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016506.D

Acq: 29 May 2020 13:24

Instrument :

MSVOA_X

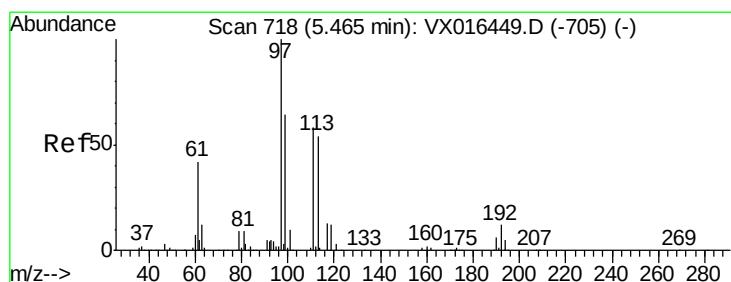
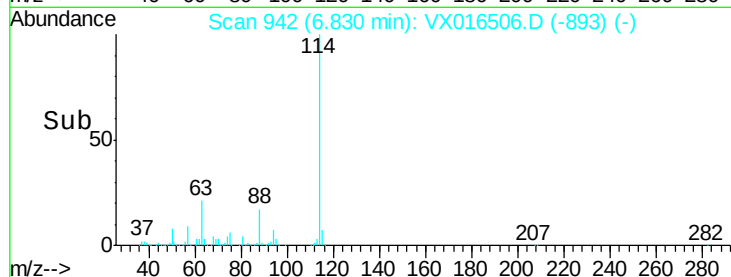
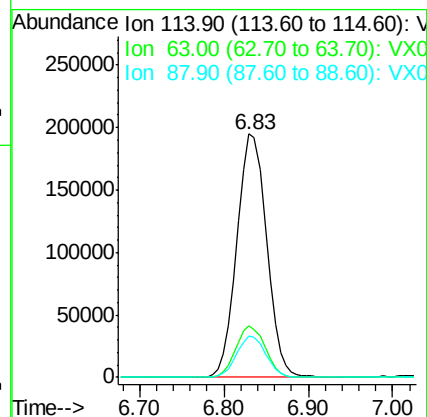
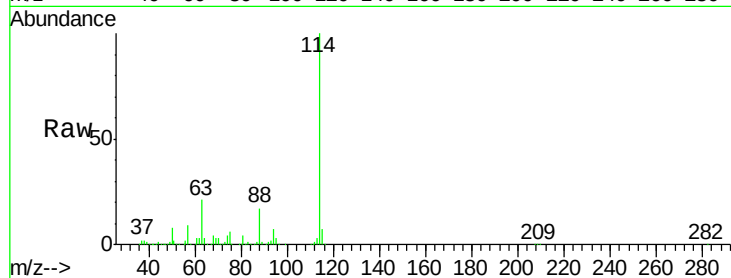
ClientSampleId :

WATER-COMP-214-215

Tgt Ion:	114	Resp:	466742
Ion Ratio	Lower	Upper	
114	100		
63	21.1	0.0	42.6
88	17.1	0.0	32.8

Manual Integrations
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#35

Dibromofluoromethane

Concen: 48.06 ug/l

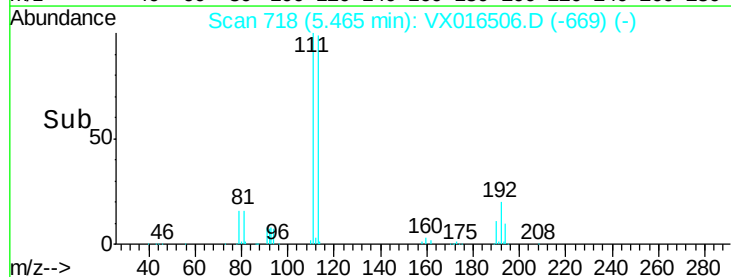
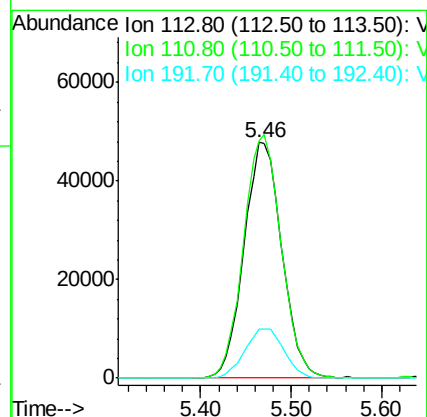
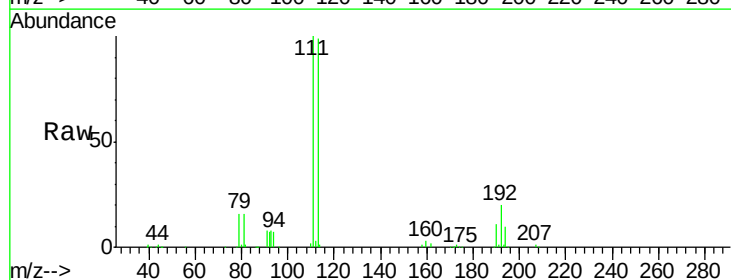
RT: 5.46 min Scan# 718

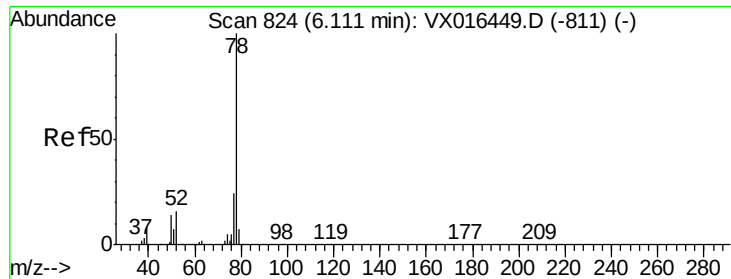
Delta R.T. 0.00 min

Lab File: VX016506.D

Acq: 29 May 2020 13:24

Tgt Ion:	113	Resp:	138112
Ion Ratio	Lower	Upper	
113	100		
111	103.1	83.0	124.6
192	21.8	17.7	26.5





#40

Benzene

Concen: 0.35 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX016506.D

Acq: 29 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

WATER-COMP-214-215

Tgt Ion: 78 Resp: 4646

Ion Ratio Lower Upper

78 100

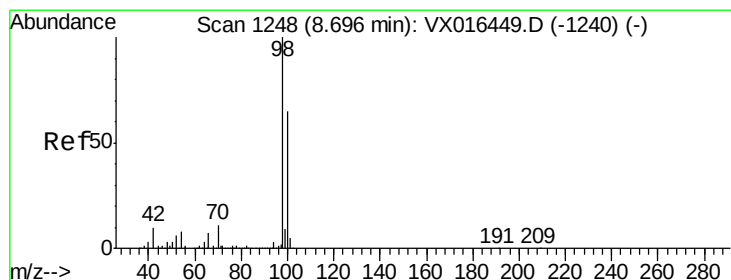
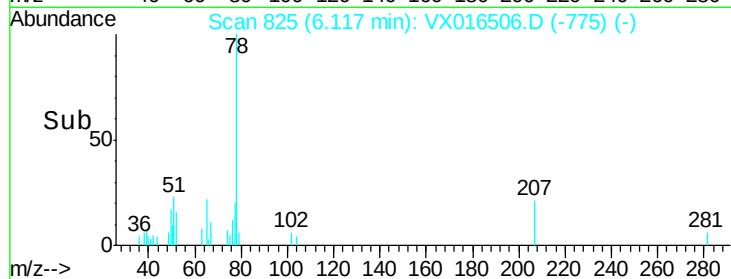
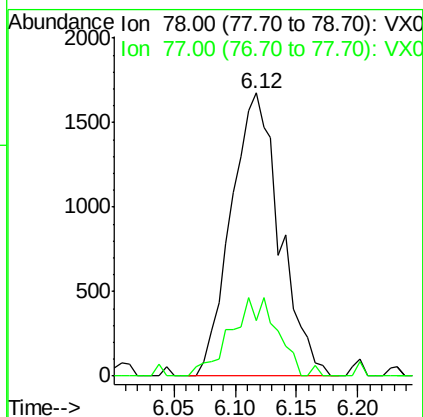
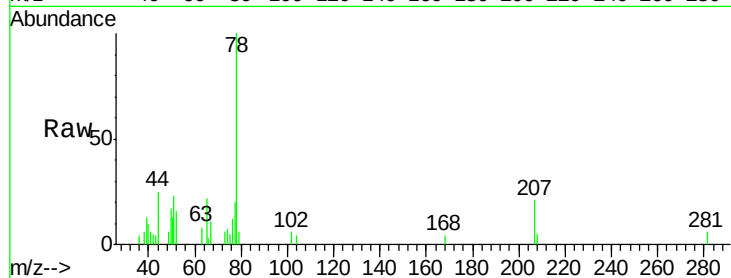
77 19.8 18.9 28.3

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#50

Toluene-d8

Concen: 51.48 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016506.D

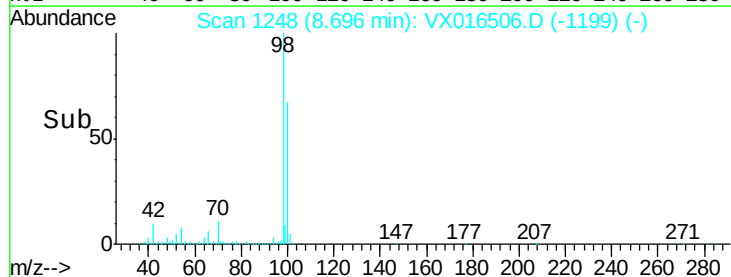
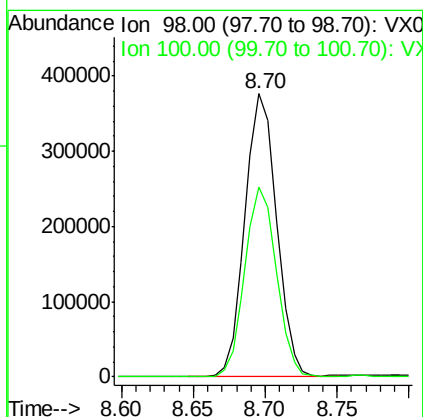
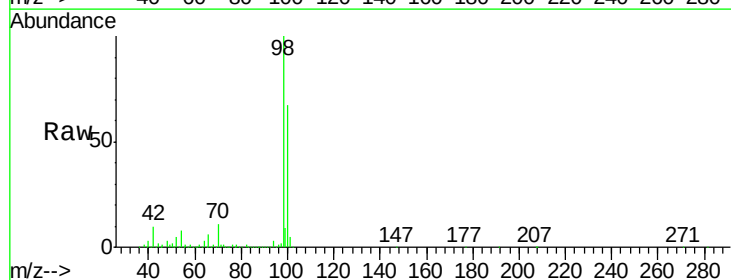
Acq: 29 May 2020 13:24

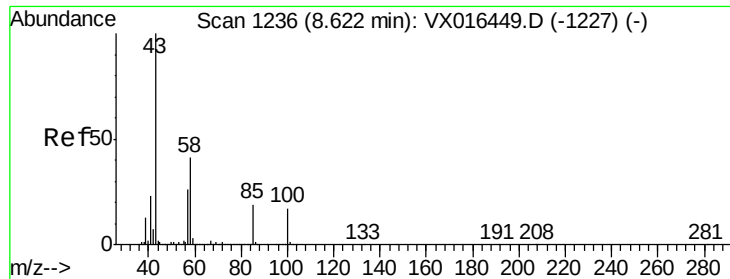
Tgt Ion: 98 Resp: 575823

Ion Ratio Lower Upper

98 100

100 66.5 53.8 80.6





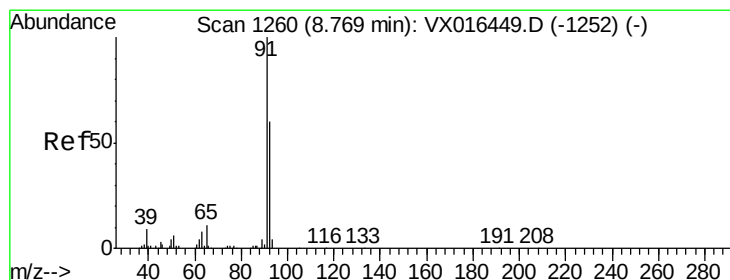
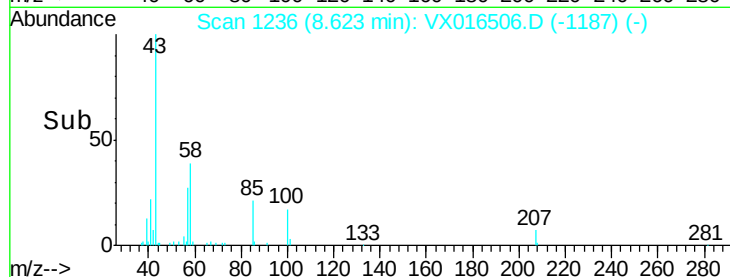
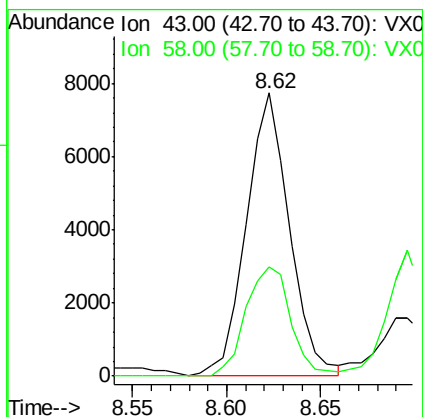
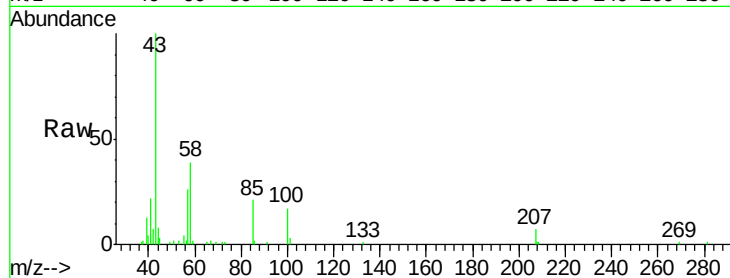
#51
 4-Methyl-2-Pentanone
 Concen: 2.38 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX016506.D
 Acq: 29 May 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 WATER-COMP-214-215

Tgt Ion: 43 Resp: 12288
 Ion Ratio Lower Upper
 43 100
 58 40.0 33.0 49.6

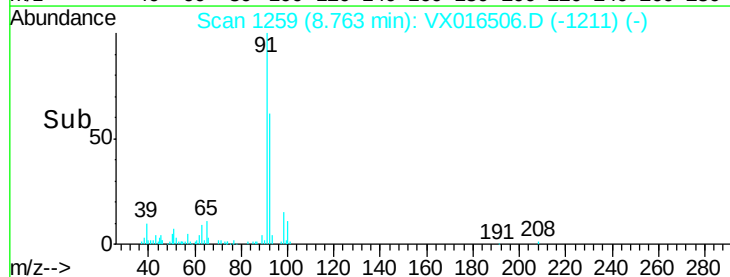
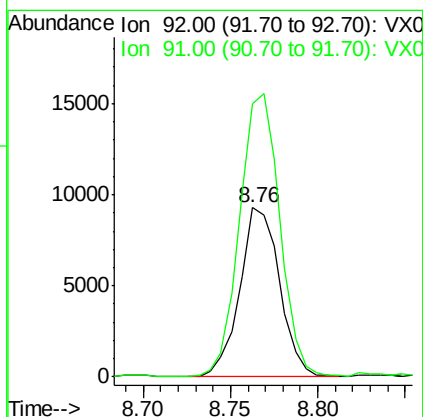
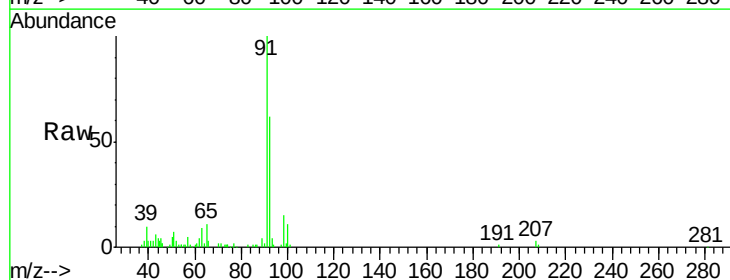
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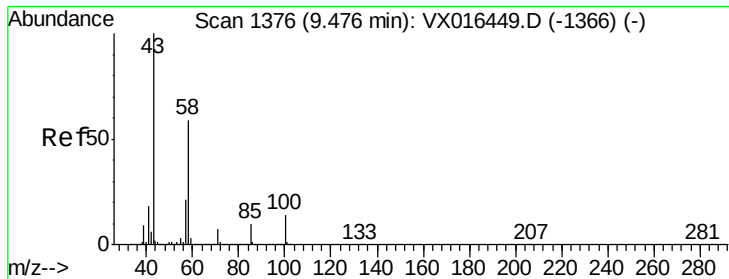
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#52
 Toluene
 Concen: 1.77 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016506.D
 Acq: 29 May 2020 13:24

Tgt Ion: 92 Resp: 14684
 Ion Ratio Lower Upper
 92 100
 91 169.6 135.0 202.4





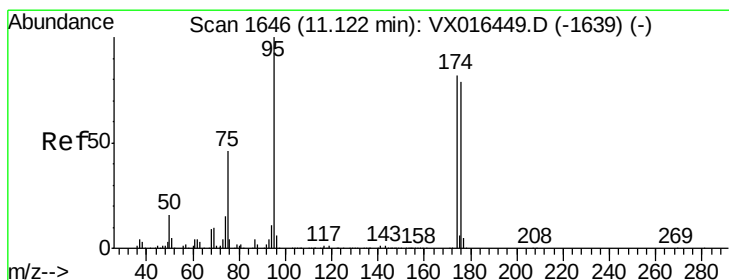
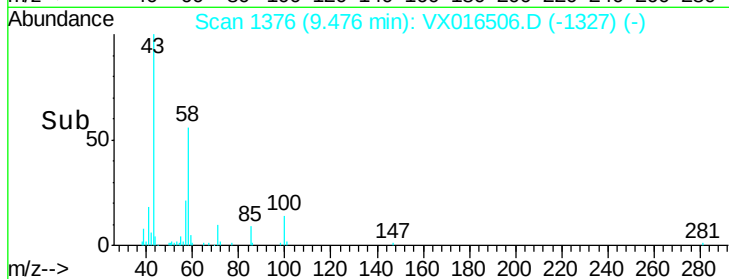
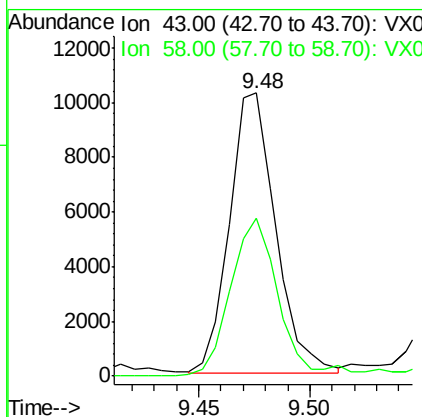
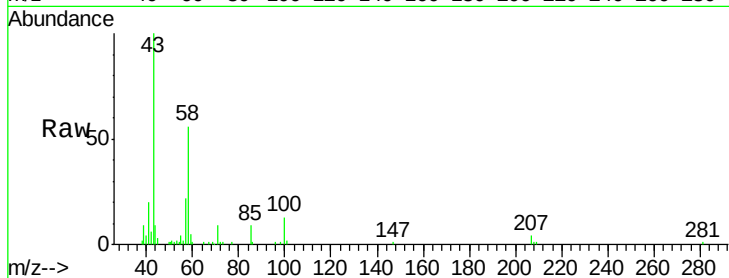
#59
2-Hexanone
Concen: 3.69 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016506.D
Acq: 29 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
WATER-COMP-214-215

Tgt Ion: 43 Resp: 14804
Ion Ratio Lower Upper
43 100
58 58.3 28.8 86.4

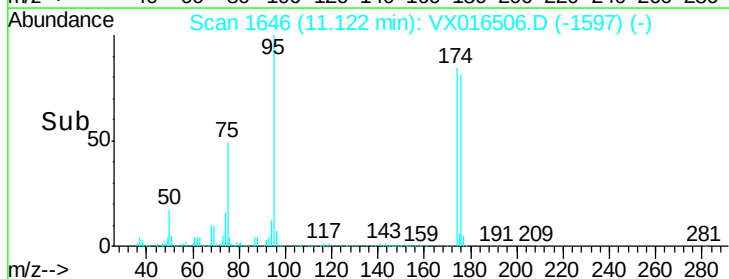
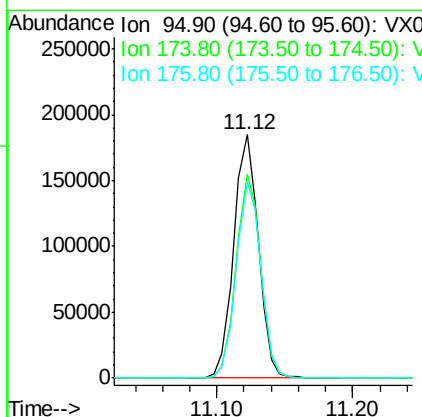
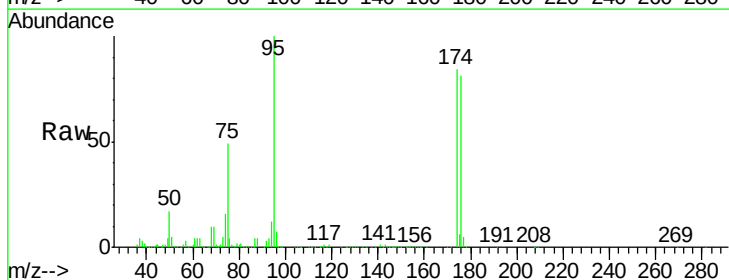
Manual Integrations
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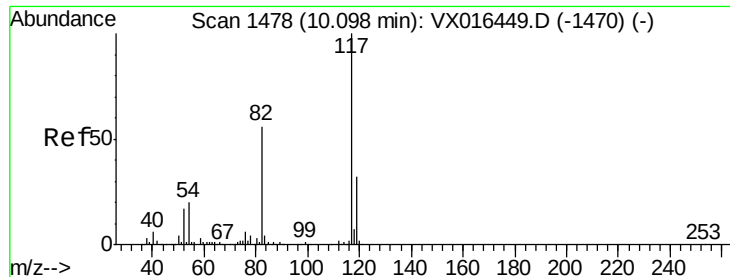
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#62
4-Bromofluorobenzene
Concen: 53.99 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016506.D
Acq: 29 May 2020 13:24

Tgt Ion: 95 Resp: 233368
Ion Ratio Lower Upper
95 100
174 83.4 0.0 163.0
176 80.7 0.0 156.8





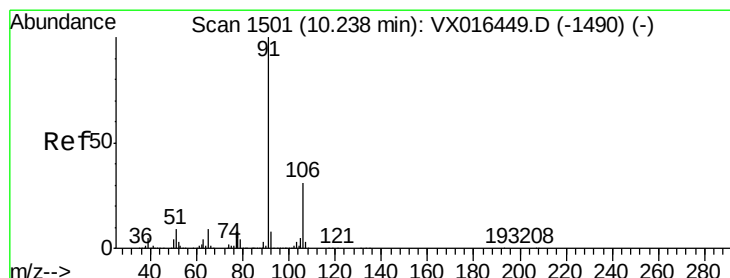
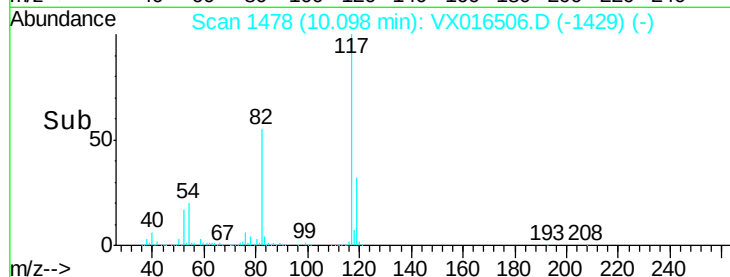
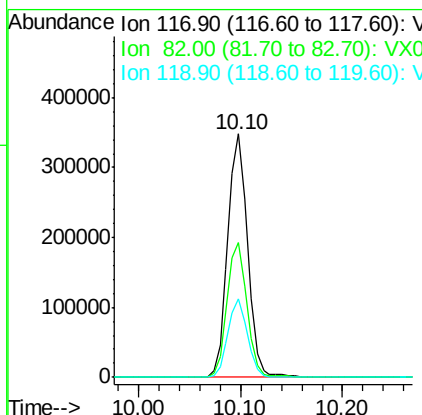
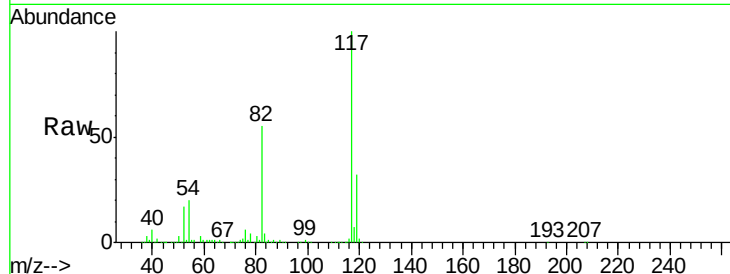
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016506.D
Acq: 29 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
WATER-COMP-214-215

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.2	45.0	67.6
119	32.3	25.8	38.8

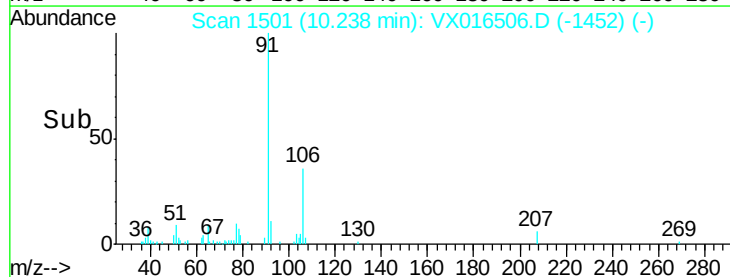
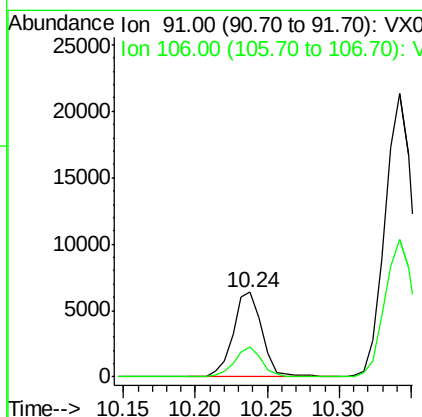
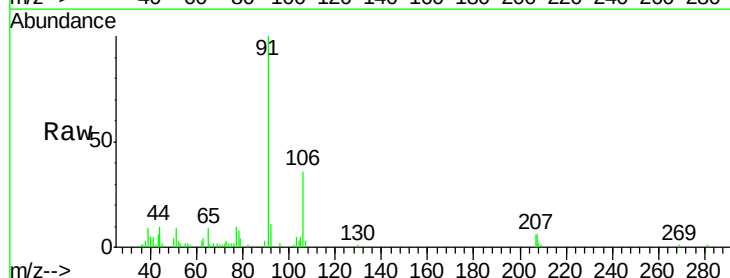
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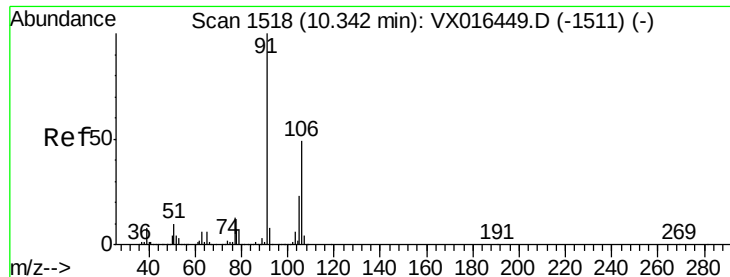
MMDadoda
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#67
Ethyl Benzene
Concen: 0.53 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016506.D
Acq: 29 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
91	100		
106	35.5	25.0	37.4





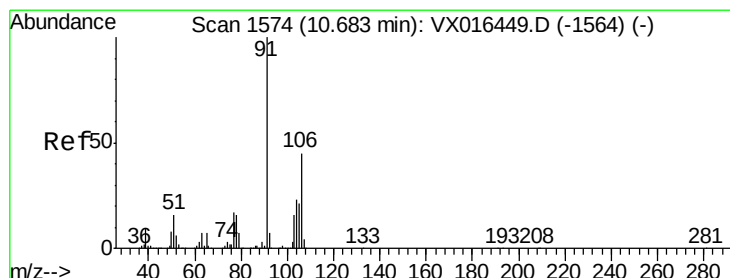
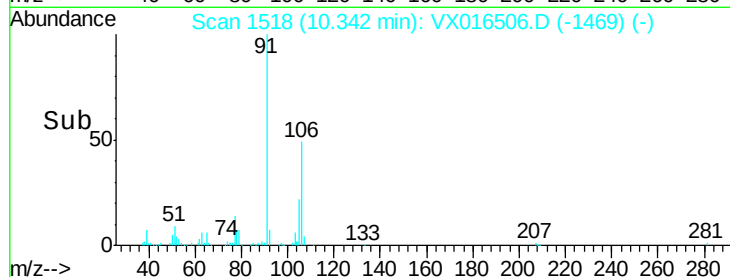
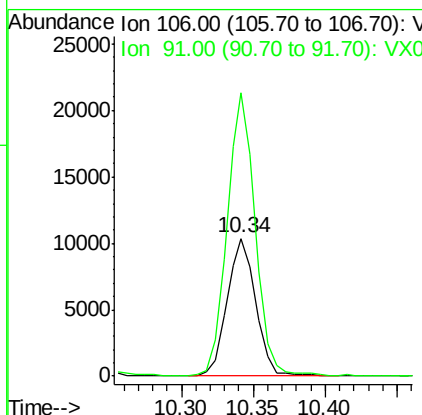
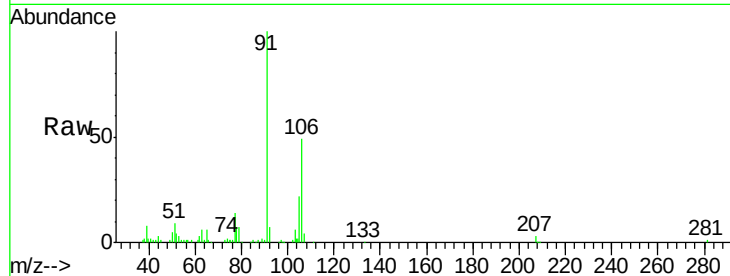
#68
m/p-Xylenes
Concen: 2.30 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016506.D
Acq: 29 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
WATER-COMP-214-215

Tgt Ion:106 Resp: 14480
Ion Ratio Lower Upper
106 100
91 201.5 163.8 245.8

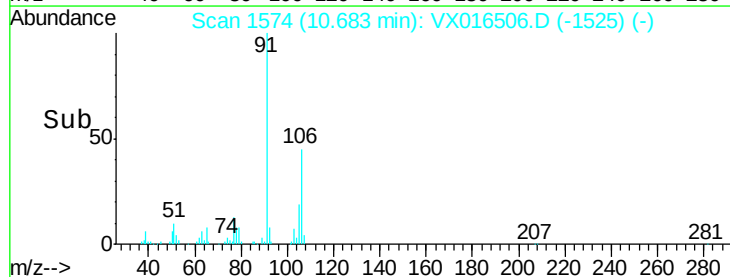
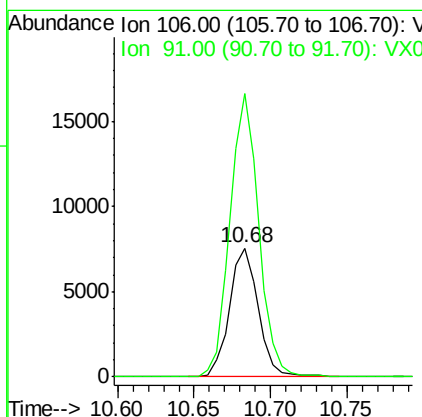
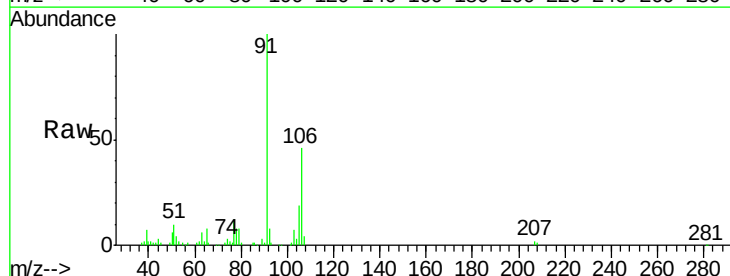
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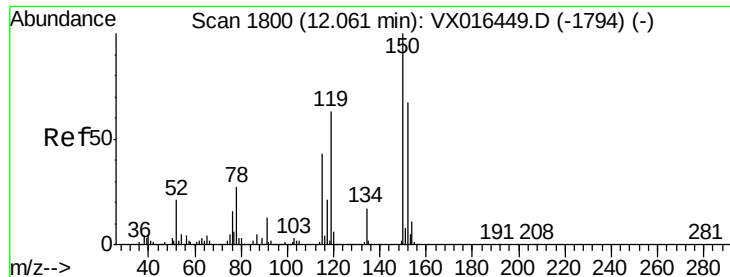
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#69
o-Xylene
Concen: 1.62 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016506.D
Acq: 29 May 2020 13:24

Tgt Ion:106 Resp: 9874
Ion Ratio Lower Upper
106 100
91 220.0 109.6 328.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016506.D

Acq: 29 May 2020 13:24

Instrument :

MSVOA_X

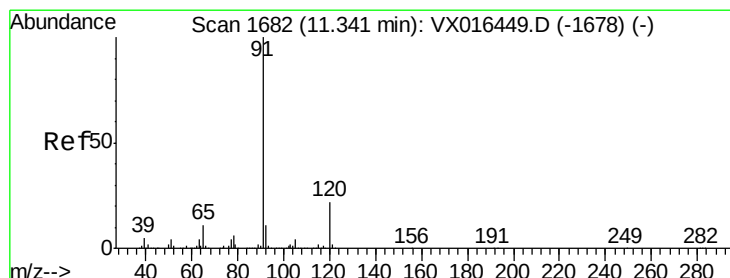
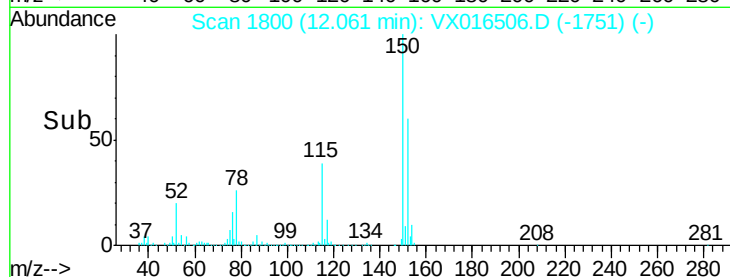
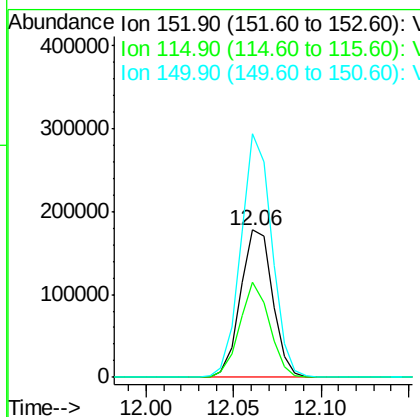
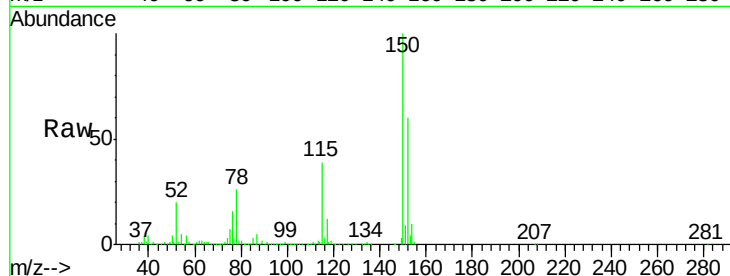
ClientSampleId :

WATER-COMP-214-215

Tgt Ion:	152	Resp:	228299
Ion Ratio	Lower	Upper	
152	100		
115	60.2	39.9	119.6
150	158.5	0.0	341.0

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#78

n-propylbenzene

Concen: 0.31 ug/l

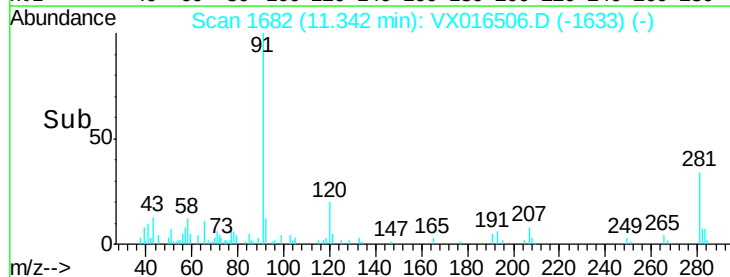
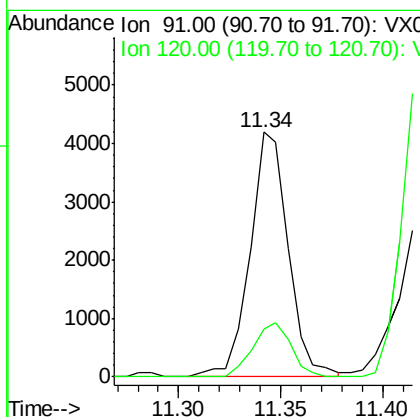
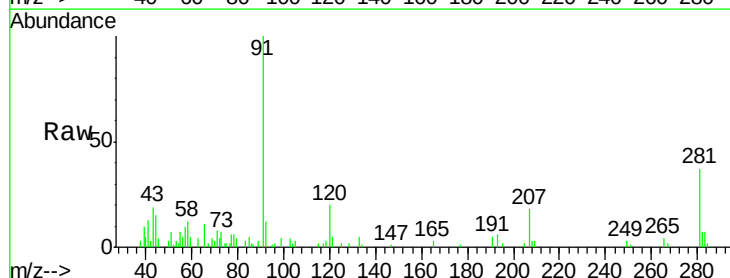
RT: 11.34 min Scan# 1682

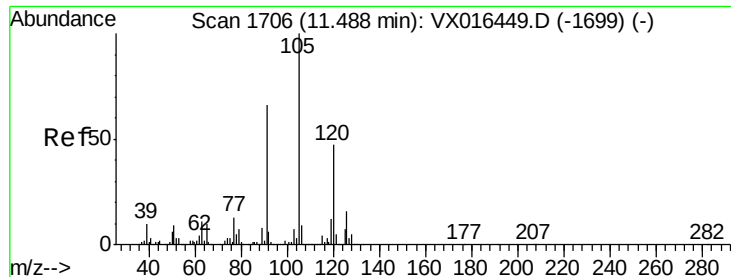
Delta R.T. 0.00 min

Lab File: VX016506.D

Acq: 29 May 2020 13:24

Tgt Ion:	91	Resp:	5458
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.6	34.7





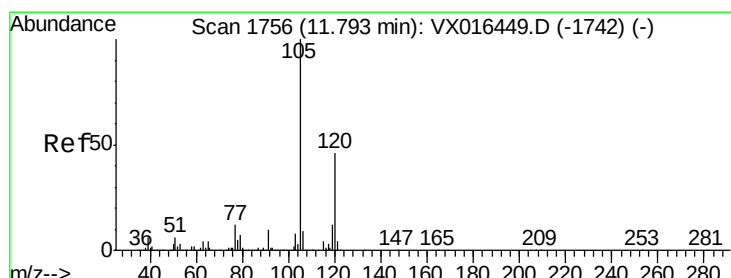
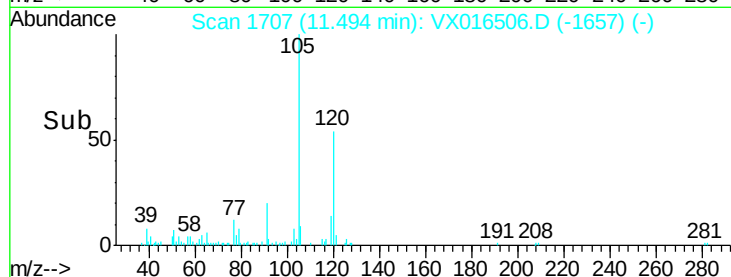
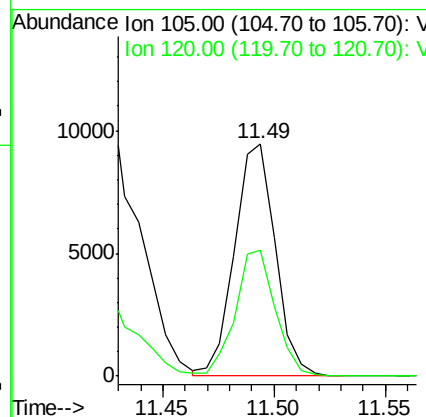
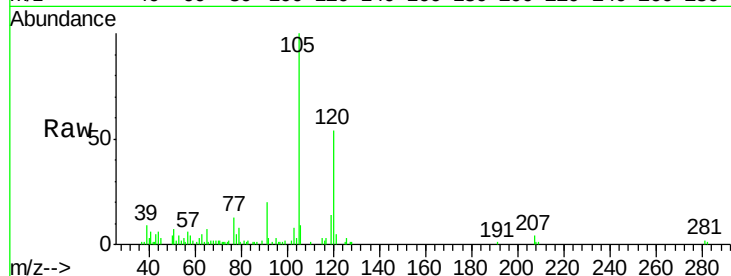
#80
 1,3,5-Trimethylbenzene
 Concen: 0.91 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX016506.D
 Acq: 29 May 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 WATER-COMP-214-215

Tgt Ion	Ratio	Lower	Upper
105	100		
120	53.0	24.3	72.8

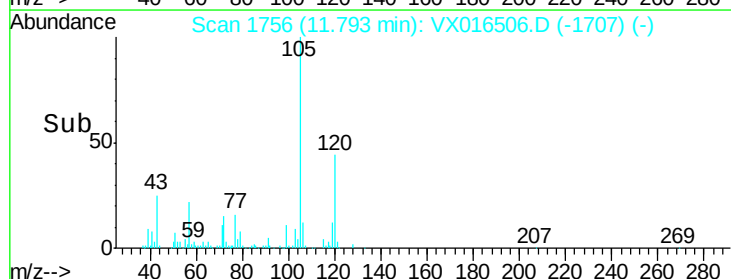
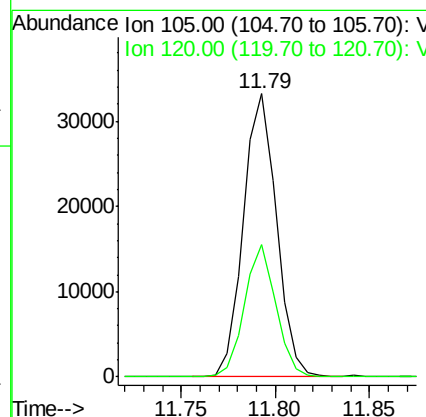
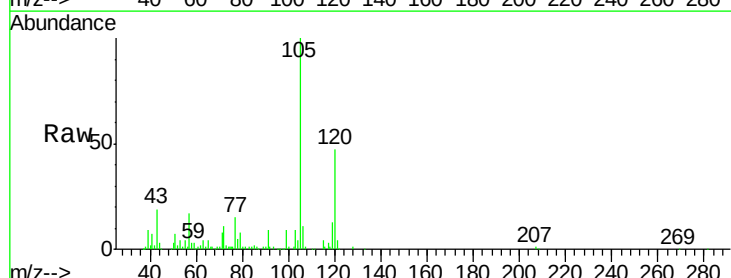
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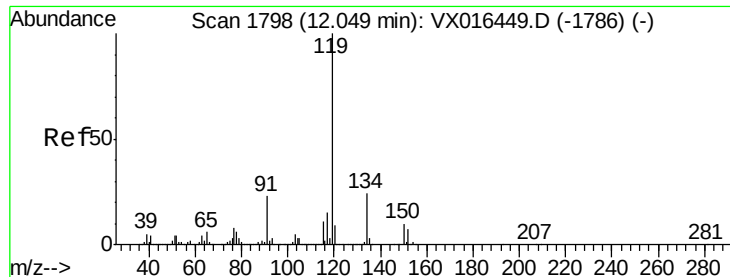
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#84
 1,2,4-Trimethylbenzene
 Concen: 3.04 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016506.D
 Acq: 29 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.6	67.7





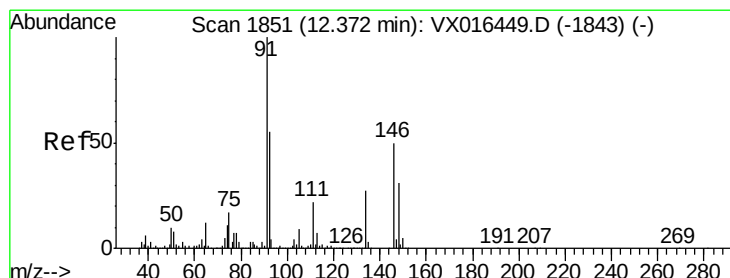
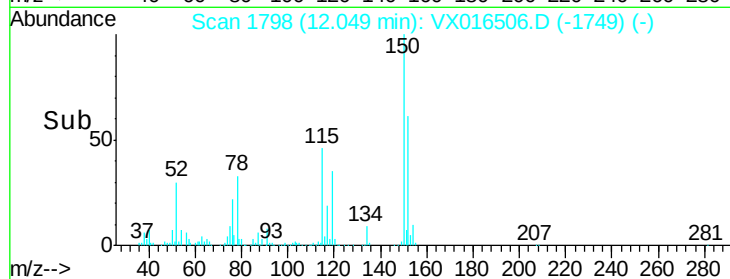
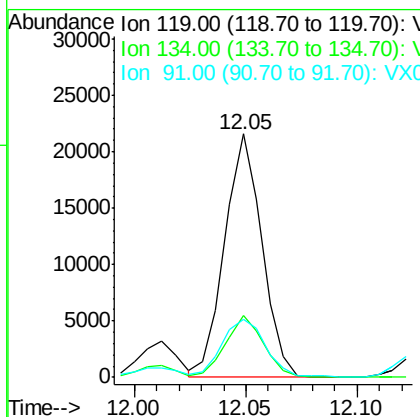
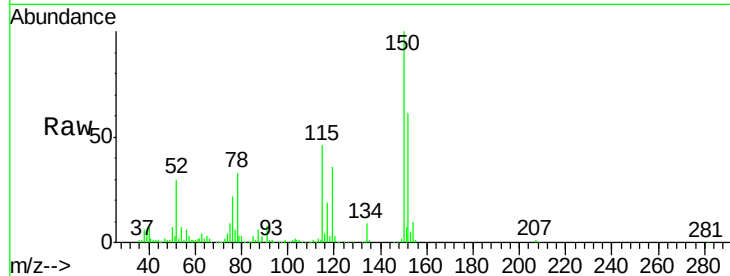
#86
p-Isopropyltoluene
Concen: 1.90 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX016506.D
Acq: 29 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
WATER-COMP-214-215

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	25163		
134	25.9	12.7	38.0	
91	28.1	11.7	35.0	

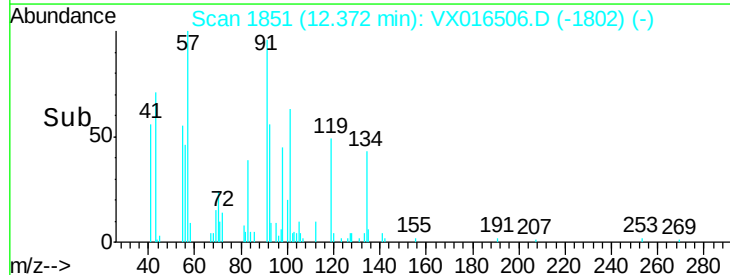
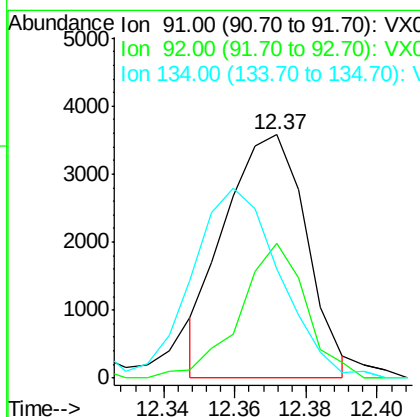
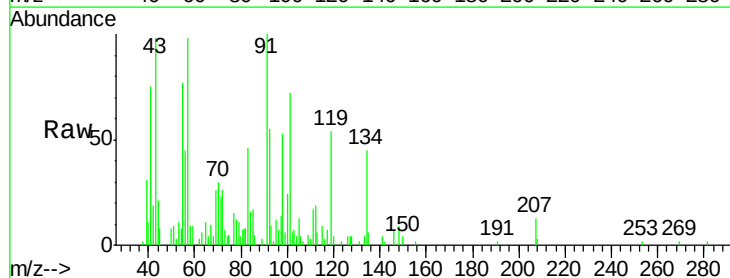
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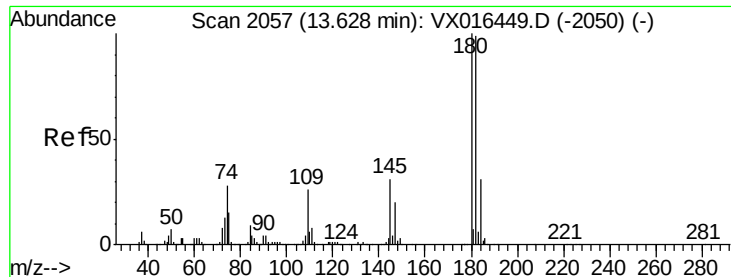
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#89
n-Butylbenzene
Concen: 0.51 ug/l m
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016506.D
Acq: 29 May 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	5677		
92	45.1	27.2	81.5	
134	84.3	13.1	39.3#	





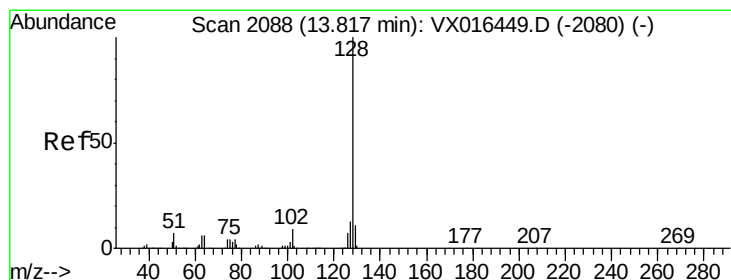
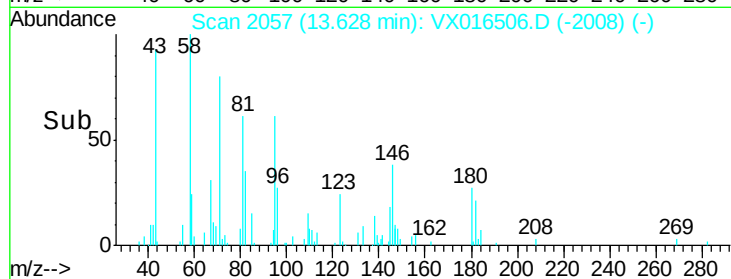
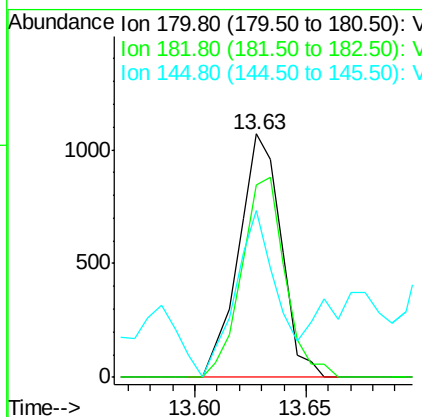
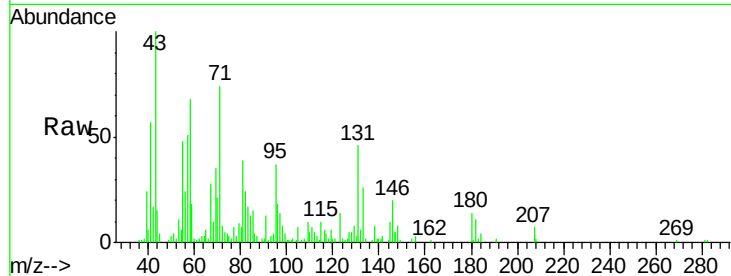
#93
 1,2,4-Trichlorobenzene
 Concen: 0.31 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016506.D
 Acq: 29 May 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 WATER-COMP-214-215

Tgt Ion	Ratio	Lower	Upper
180	100		
182	84.0	48.3	144.8
145	66.5	15.4	46.2#

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#95
 Naphthalene
 Concen: 1.24 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX016506.D
 Acq: 29 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.6	15.8
129	15.0	8.6	13.0#

