

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\
 Data File : VX018593.D
 Acq On : 25 Sep 2020 14:28
 Operator : JC/SP
 Sample : L4145-01RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CTB-WEST-(MANHOLE-1)RE

Manual Integrations
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 9/29/2020 11:39:13 AM

Quant Time: Sep 28 08:15:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	88913	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.84	114	496524	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	483224	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	239805	34.19	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	113.97%
60) 4-Bromofluorobenzene	11.12	95	225251	26.89	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.63%
63) Toluene-d8	8.70	98	585255	27.48	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	91.60%

Target Compounds

					Ovalue
15) Acetone	2.46	58	8882541m	12246.164	ug/l
16) Carbon Disulfide	2.54	76	88263	6.777	ug/l
37) Trichloroethene	7.19	130	1702	0.272	ug/l
62) Toluene	8.76	91	12606	0.518	ug/l
64) Chlorobenzene	10.12	112	3234	0.207	ug/l
82) p-Isopropyltoluene	12.05	119	72870	2.953	ug/l

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

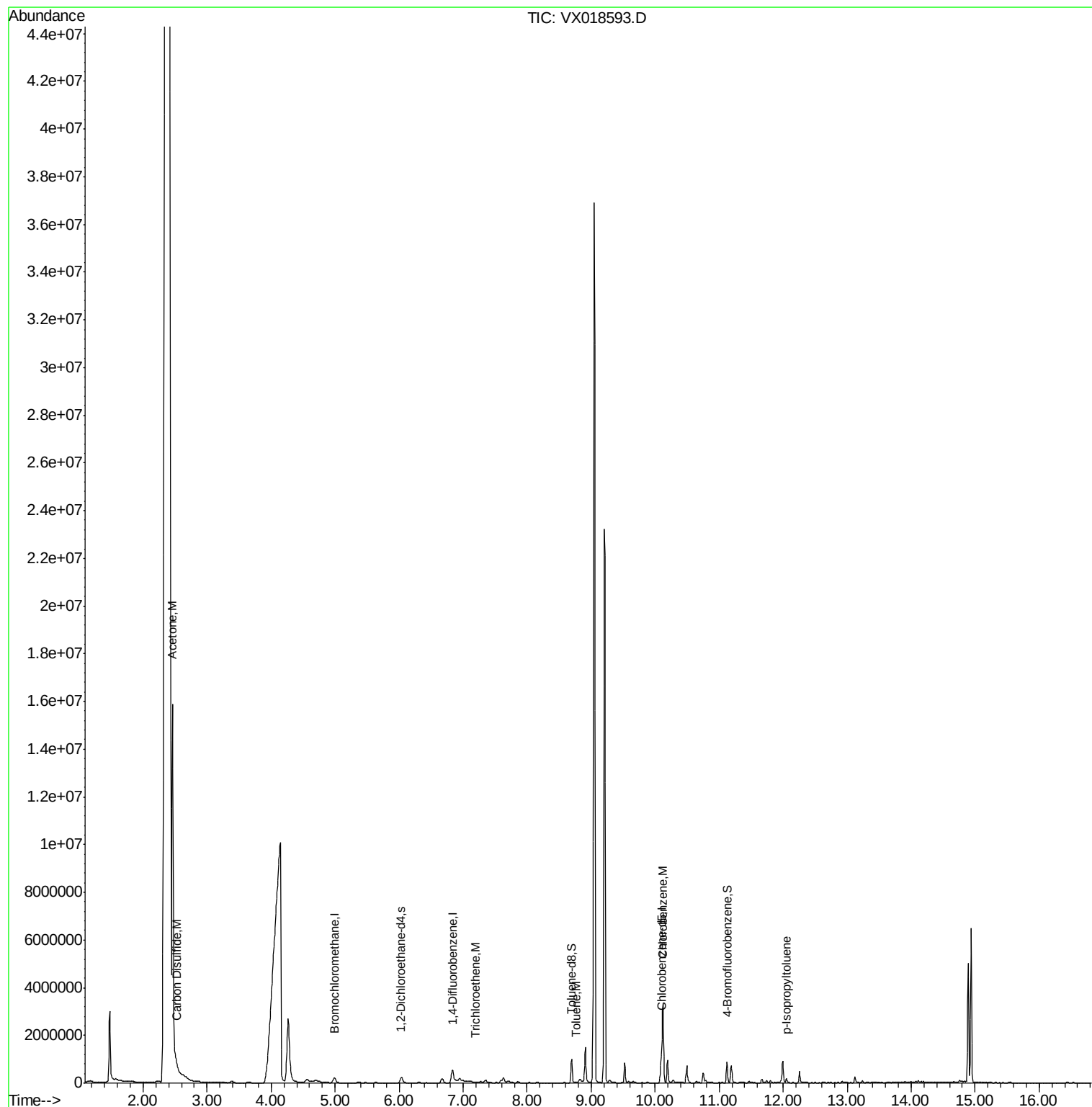
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092520\
Data File : VX018593.D
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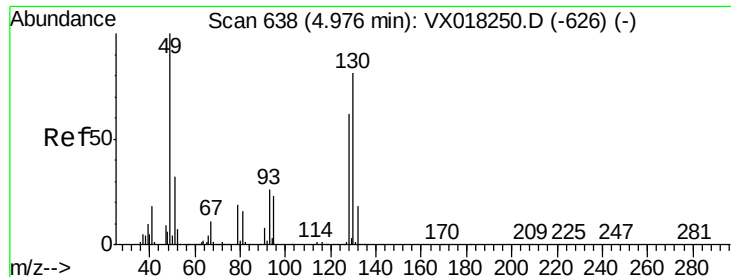
Instrument :
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ClientSampleId :
CTB-WEST-(MANHOLE-1)RE

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Quant Time: Sep 28 08:15:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX018593.D

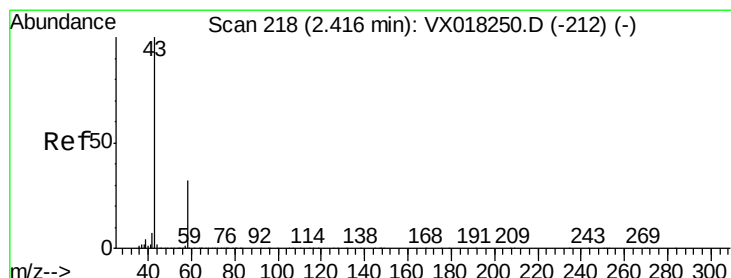
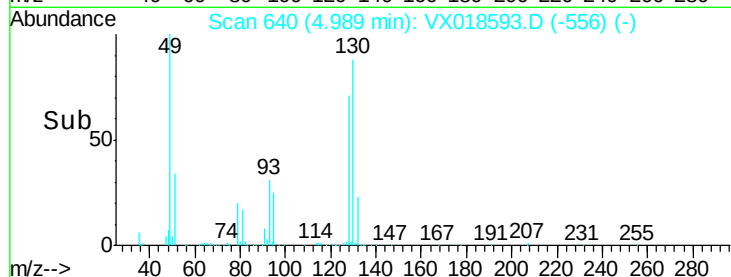
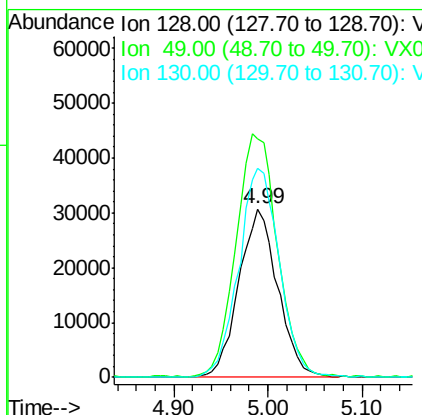
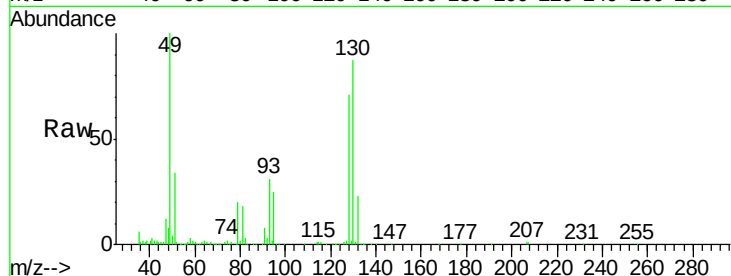
Acq: 25 Sep 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
CTB-WEST-(MANHOLE-1)RE

Tot Ion:	128	Resp:	88913
Ion	Ratio	Lower	Upper
128	100		
49	152.6	0.0	392.0
130	129.6	0.0	320.2

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#15

Acetone

Concen: 12246.164 ug/l m

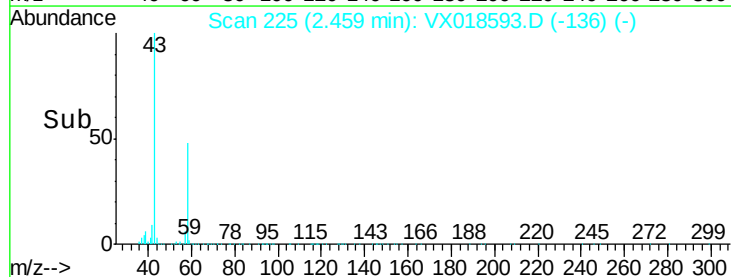
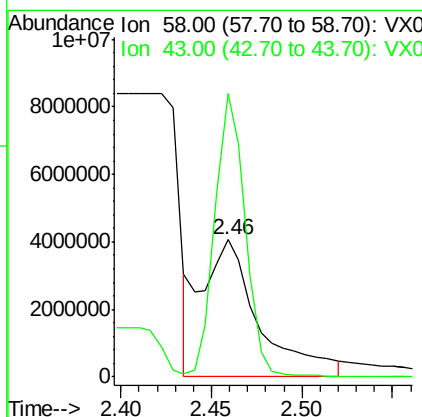
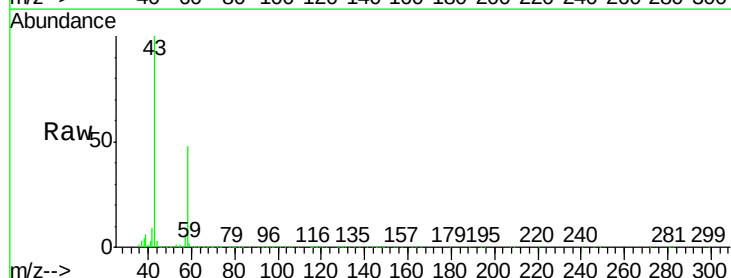
RT: 2.46 min Scan# 225

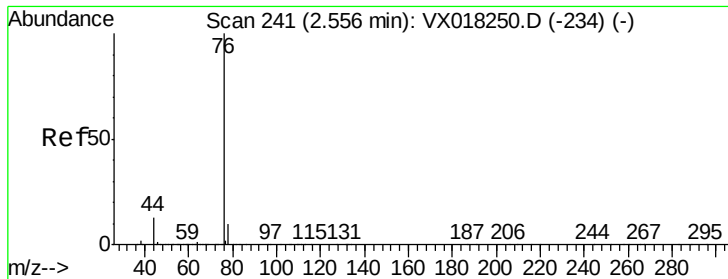
Delta R.T. 0.04 min

Lab File: VX018593.D

Acq: 25 Sep 2020 14:28

Tgt Ion:	58	Resp:	8882541
Ion	Ratio	Lower	Upper
58	100		
43	206.6	248.2	372.2#





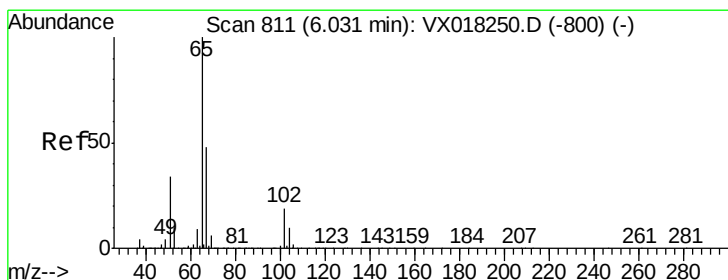
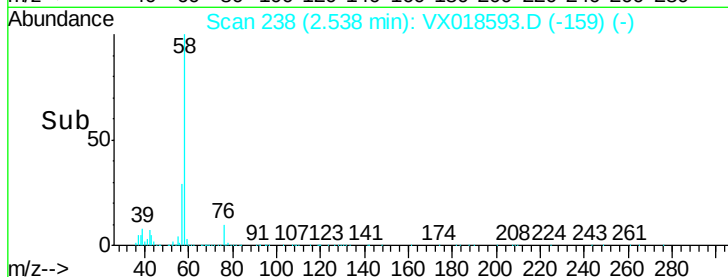
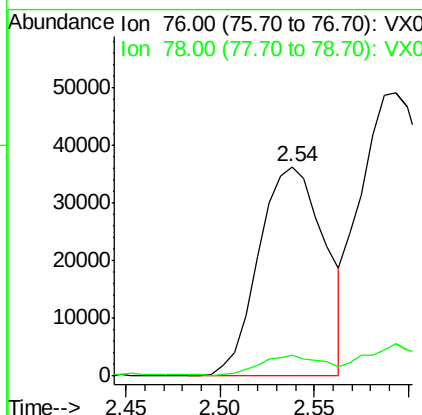
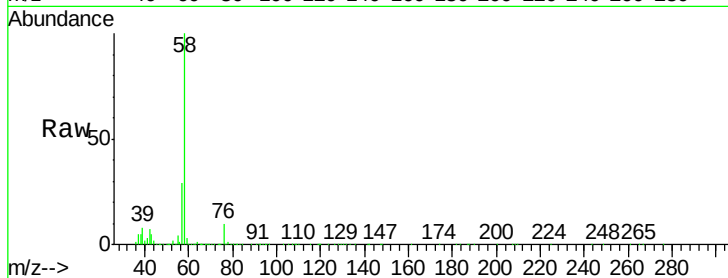
#16
Carbon Disulfide
Concen: 6.777 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.02 min
Lab File: VX018593.D
Acq: 25 Sep 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
CTB-WEST-(MANHOLE-1)RE

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.8	11.6

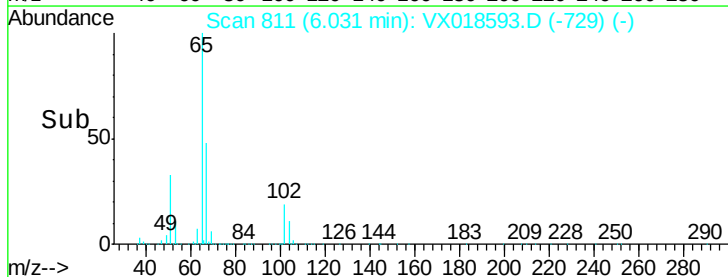
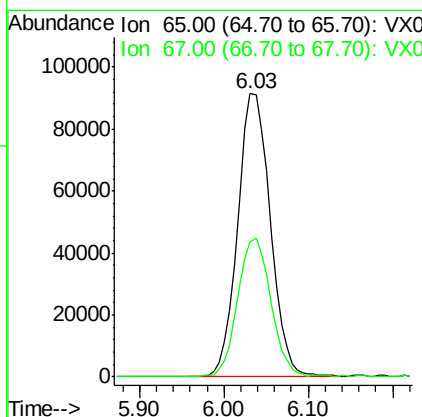
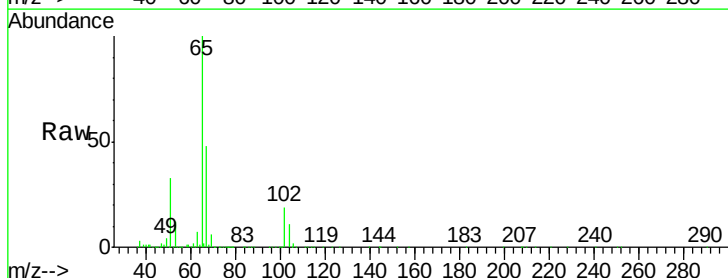
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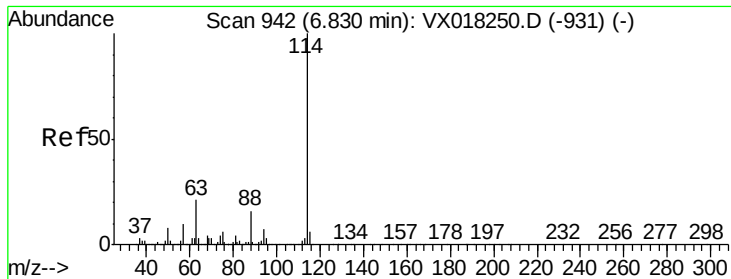
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#27
1,2-Dichloroethane-d4
Concen: 34.186 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX018593.D
Acq: 25 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.3	39.9	59.9





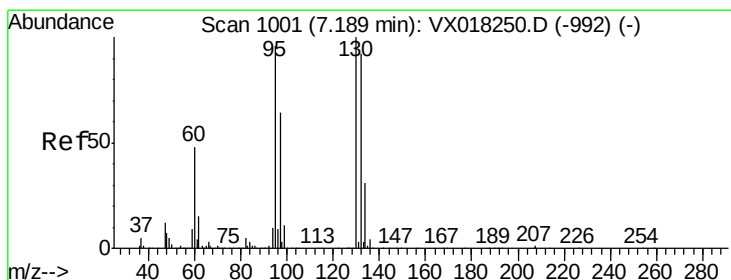
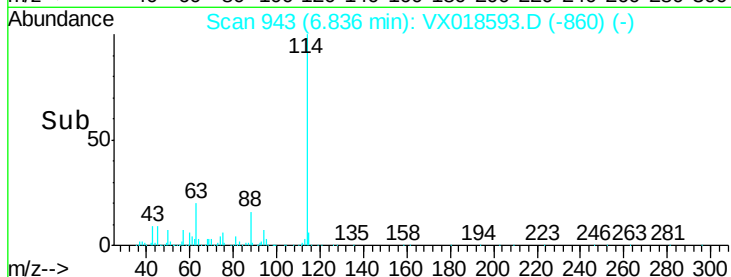
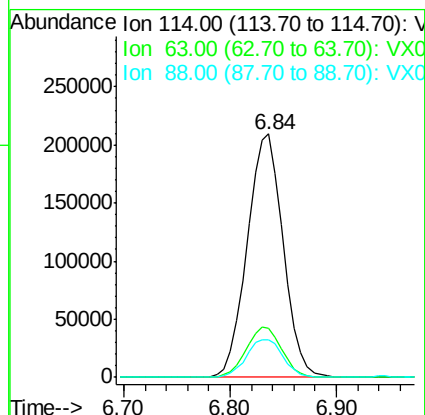
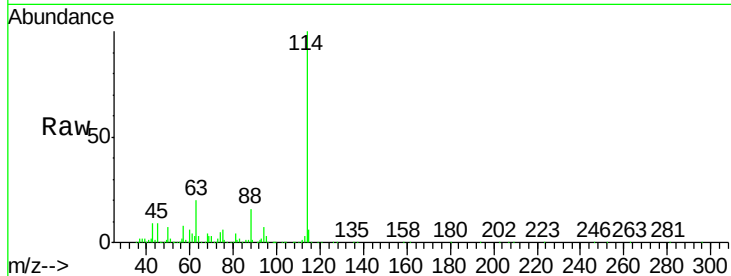
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX018593.D
Acq: 25 Sep 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
CTB-WEST-(MANHOLE-1)RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	16.7	25.1
88	16.0	12.6	18.8

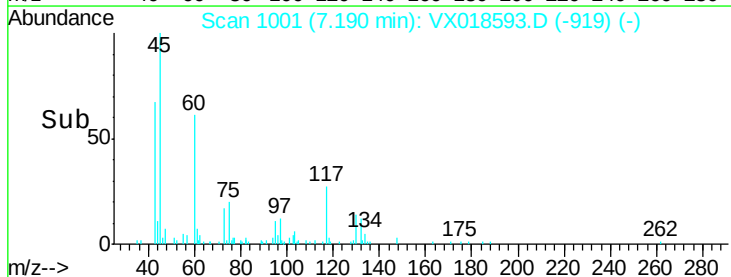
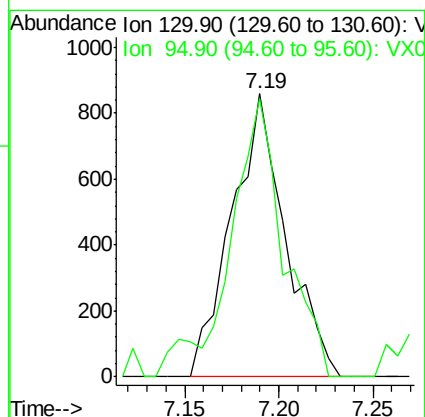
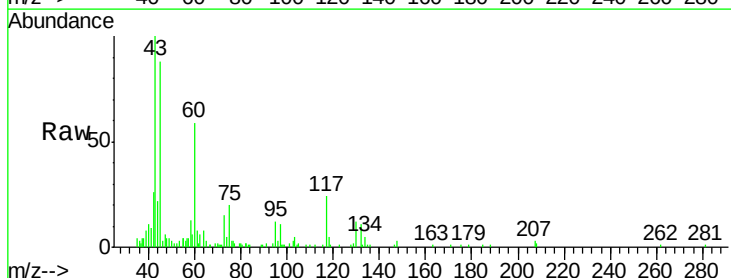
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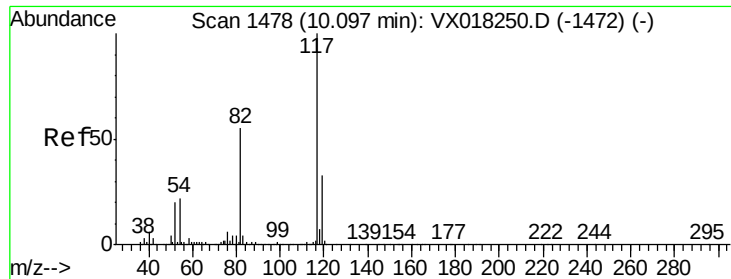
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#37
Trichloroethene
Concen: 0.272 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX018593.D
Acq: 25 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.1	76.9	115.3





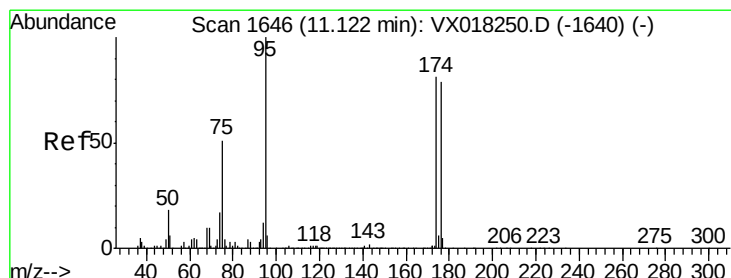
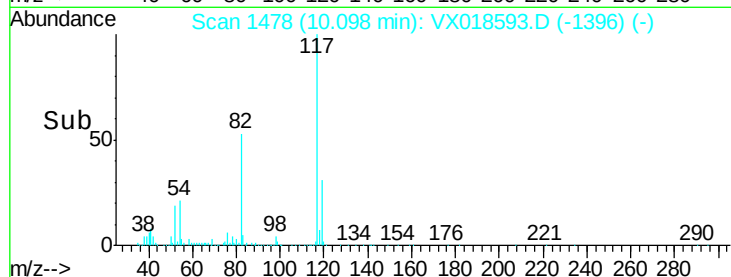
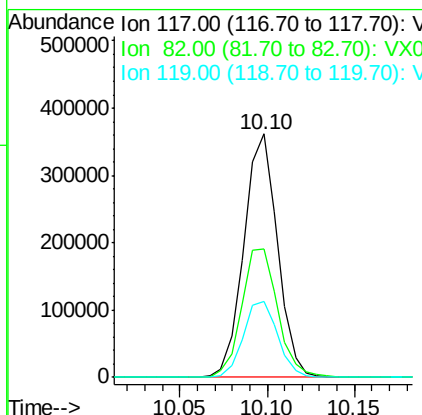
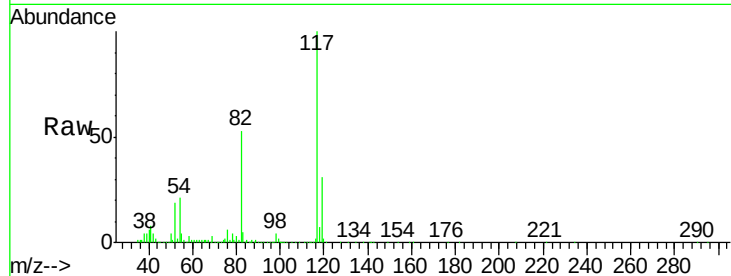
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018593.D
Acq: 25 Sep 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
CTB-WEST-(MANHOLE-1)RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.2	66.4
119	32.0	26.1	39.1

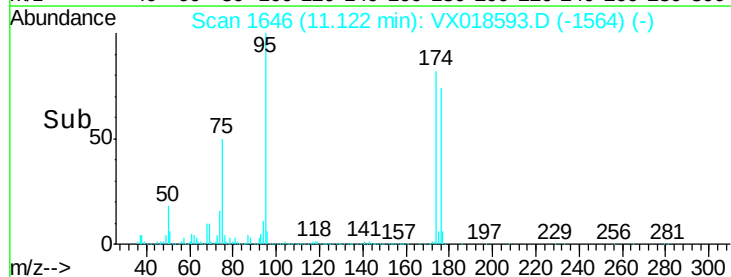
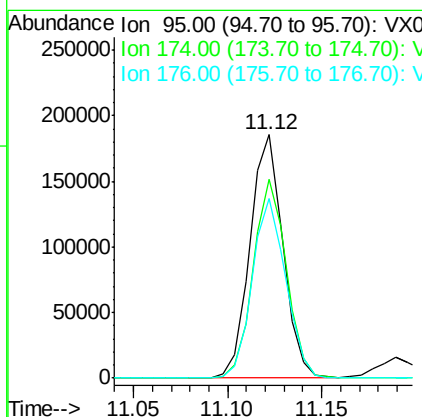
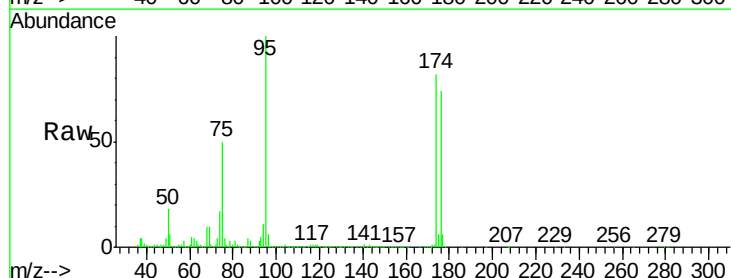
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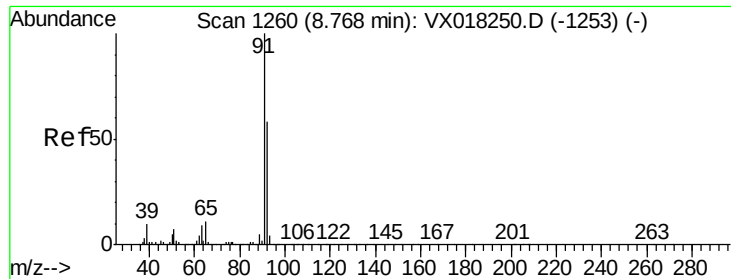
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#60
4-Bromofluorobenzene
Concen: 26.894 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018593.D
Acq: 25 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.7	64.2	96.4
176	74.7	62.2	93.4





#62

Toluene

Concen: 0.518 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018593.D

Acq: 25 Sep 2020 14:28

Instrument :

MSVOA_X

ClientSampleId :

CTB-WEST-(MANHOLE-1)RE

Tot Ion: 91 Resp: 12606

Ion Ratio Lower Upper

91 100

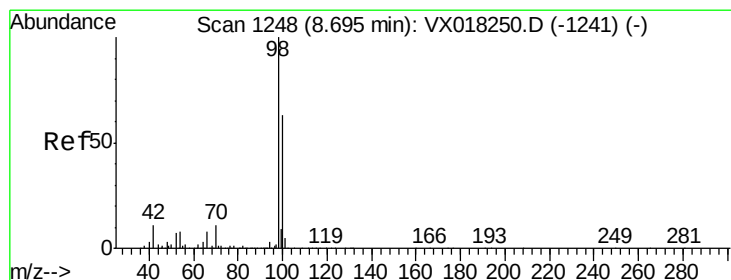
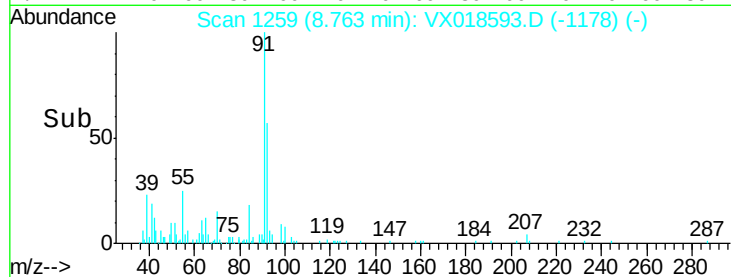
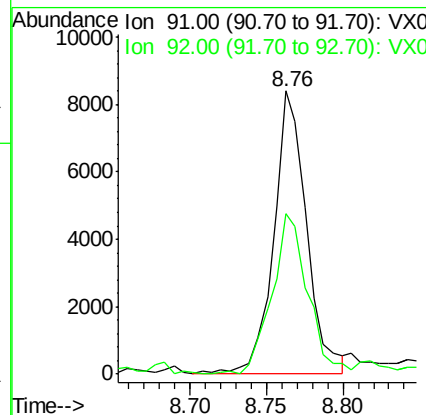
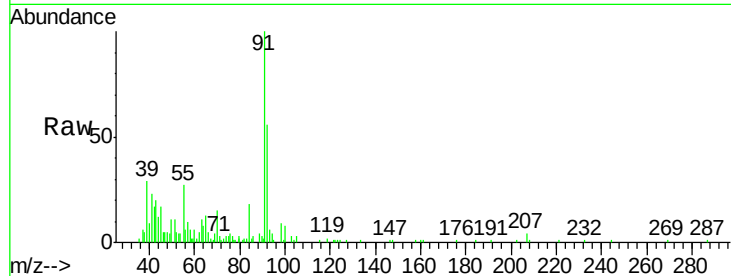
92 61.2 46.9 70.3

Manual Integrations

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#63

Toluene-d8

Concen: 27.479 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018593.D

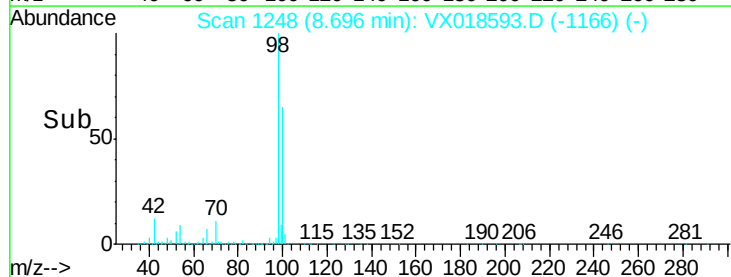
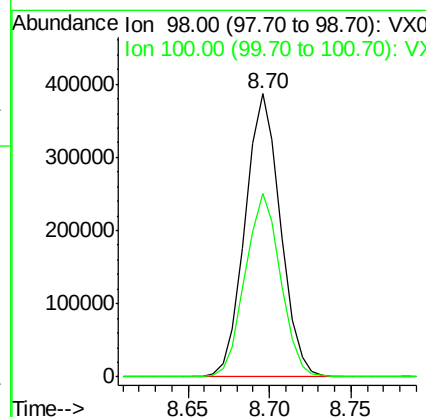
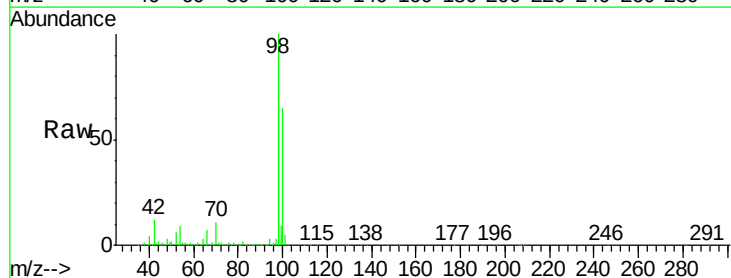
Acq: 25 Sep 2020 14:28

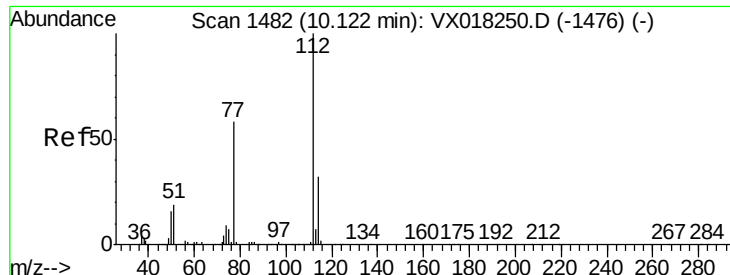
Tgt Ion: 98 Resp: 585255

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.0





#64

Chlorobenzene

Concen: 0.207 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018593.D

Acq: 25 Sep 2020 14:28

Instrument :

MSVOA_X

ClientSampleId :

CTB-WEST-(MANHOLE-1)RE

Tot Ion:112 Resp: 3234

Ion Ratio Lower Upper

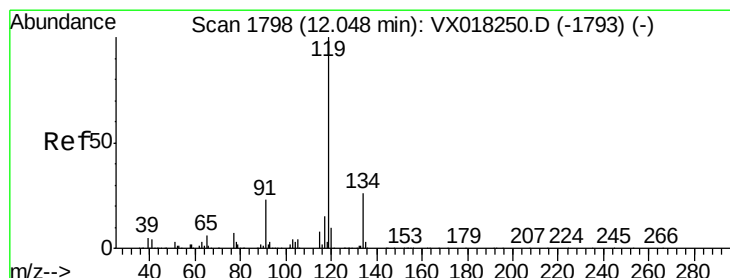
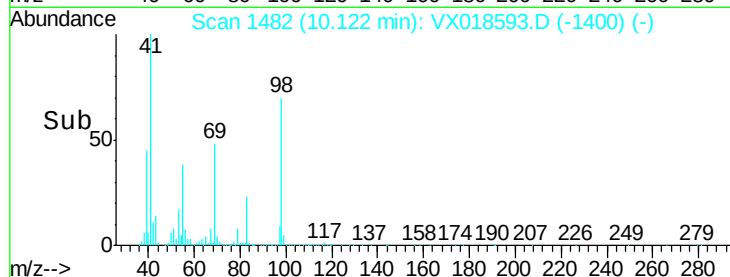
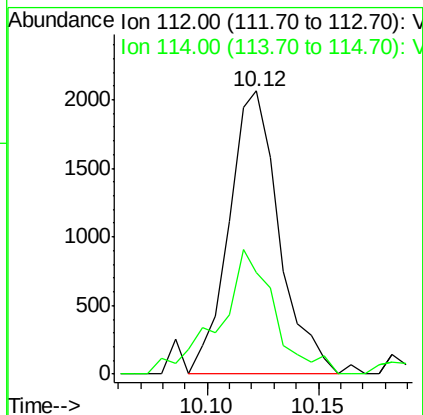
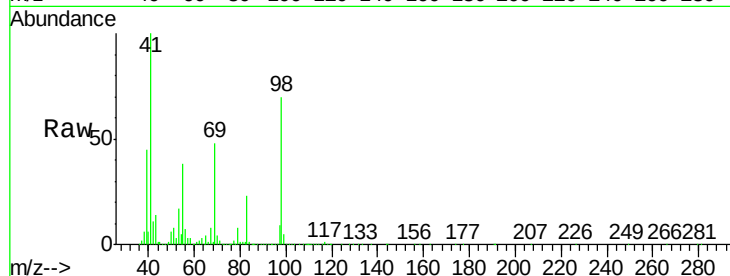
112 100

114 35.7 25.8 38.8

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#82

p-Isopropyltoluene

Concen: 2.953 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018593.D

Acq: 25 Sep 2020 14:28

Tgt Ion:119 Resp: 72870

Ion Ratio Lower Upper

119 100

134 26.4 0.0 53.0

91 24.0 0.0 49.8

