

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112519\
 Data File : VX013591.D
 Acq On : 25 Nov 2019 19:07
 Operator : JC/SP
 Sample : K5968-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WEST-DITCH-IN-20191121

Quant Time: Nov 26 03:17:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	673599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1094877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	987976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	449263	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	404434	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
35) Dibromofluoromethane	5.49	113	327696	47.72	ug/l	0.00
Spiked Amount			Recovery	=	95.44%	
50) Toluene-d8	8.71	98	1302392	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.13	95	440142	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	

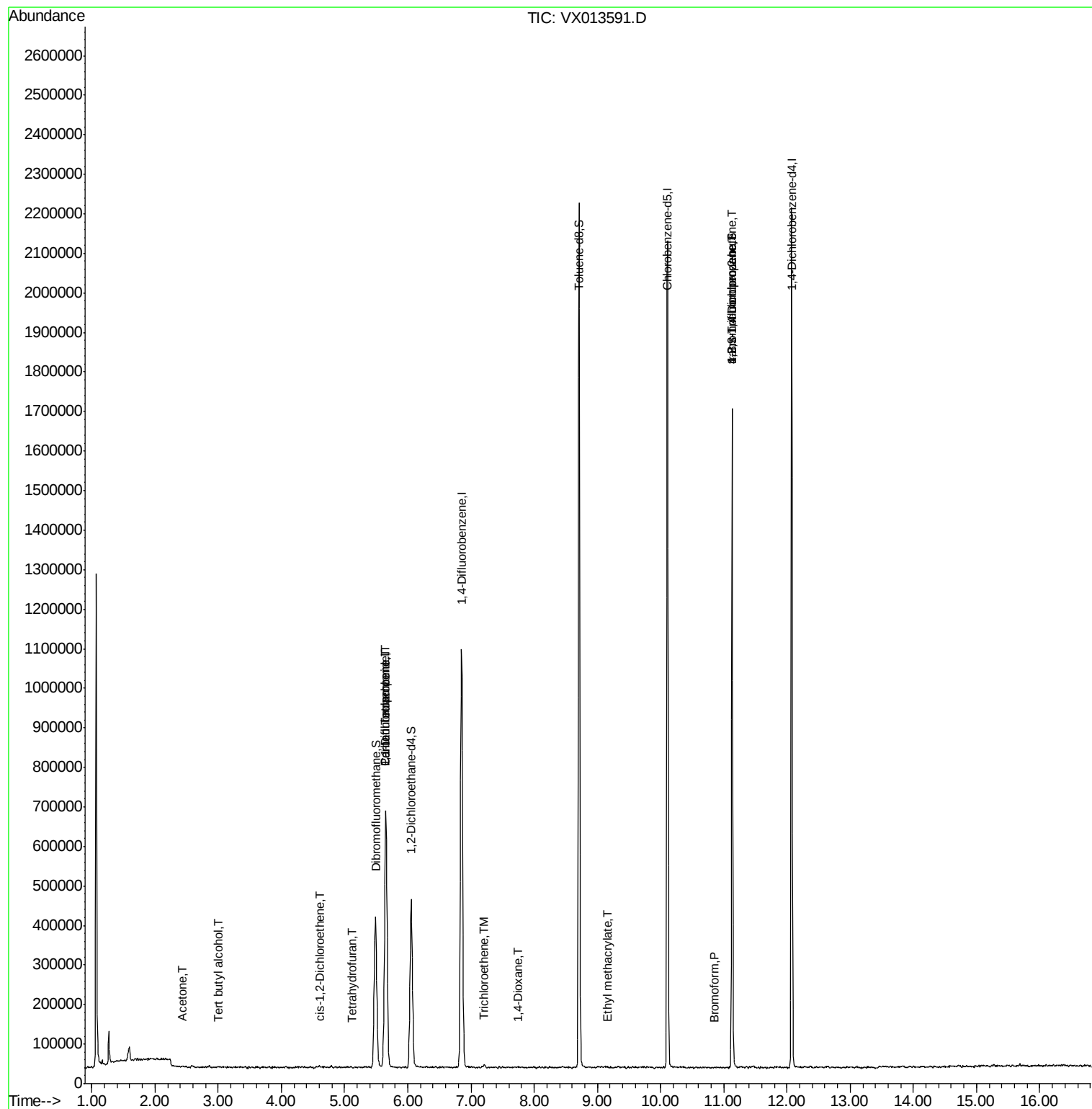
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.77	64	675	Below Cal	#	68
11) Tert butyl alcohol	3.00	59	503	0.239	ug/l #	1
16) Acetone	2.43	43	3317	0.833	ug/l #	77
27) cis-1,2-Dichloroethene	4.59	96	2564	0.340	ug/l	78
29) Tetrahydrofuran	5.12	42	886	0.246	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	43667	4.649	ug/l #	51
38) Carbon Tetrachloride	5.65	117	60048	6.538	ug/l #	16
44) Trichloroethene	7.20	130	4963	0.616	ug/l	47
49) 1,4-Dioxane	7.75	88	450	2.178	ug/l #	29
56) Ethyl methacrylate	9.16	69	670	1.614	ug/l #	22
71) Bromoform	10.85	173	603	3.285	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	217641	23.851	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	217641	61.391	ug/l #	9

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

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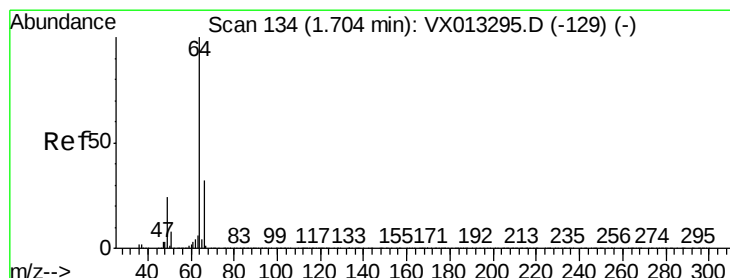
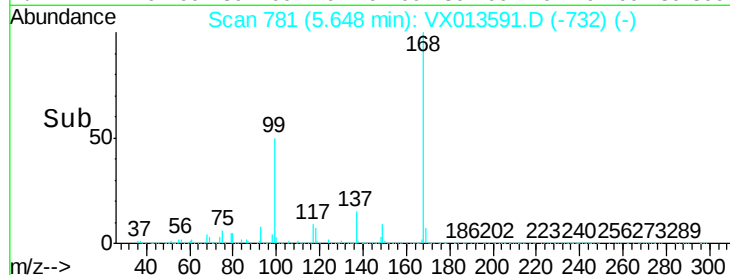
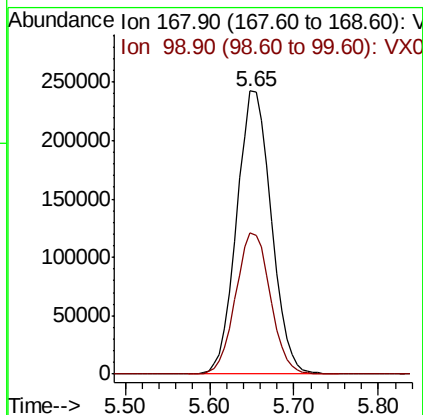
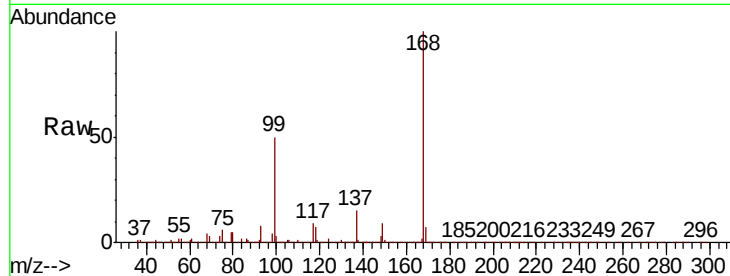


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: VX013591.D
 Acq: 25 Nov 2019 19:07

Instrument :
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 ClientSampleId :
 WEST-DITCH-IN-20191121

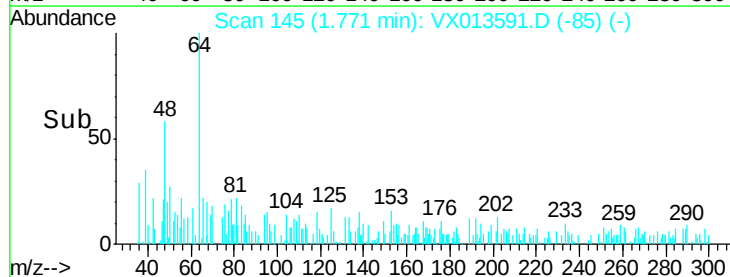
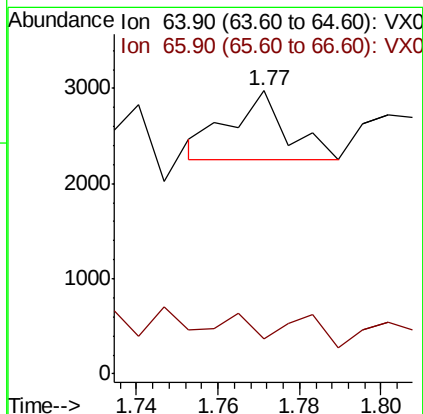
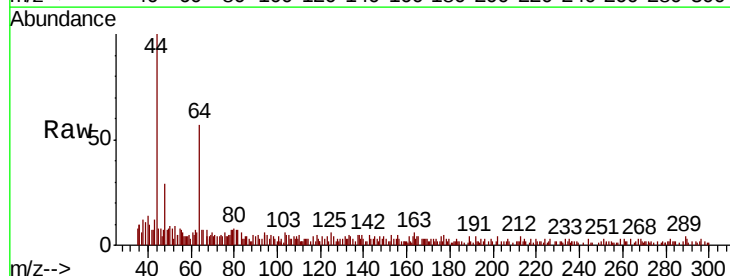
Tot Ion:168 Resp: 673599
 Ion Ratio Lower Upper
 168 100
 99 49.9 40.8 61.2

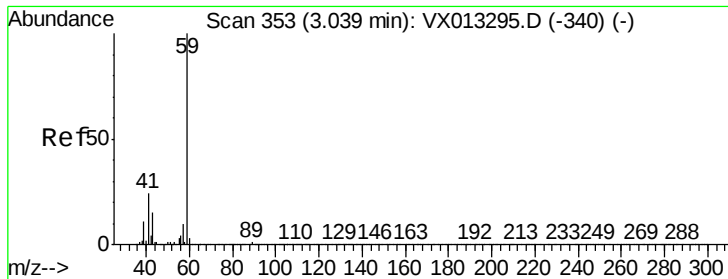


#6

Chloroethane
 Concen: Below Cal
 RT: 1.77 min Scan# 145
 Delta R.T. 0.07 min
 Lab File: VX013591.D
 Acq: 25 Nov 2019 19:07

Tgt Ion: 64 Resp: 675
 Ion Ratio Lower Upper
 64 100
 66 13.9 25.6 38.4#



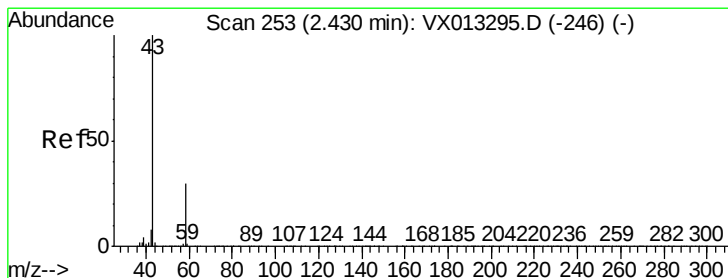
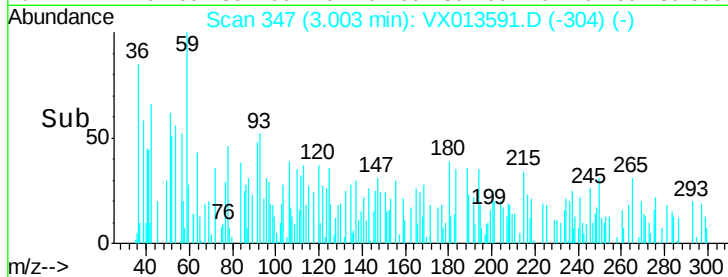
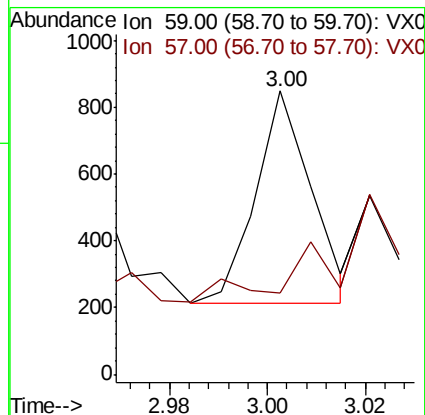
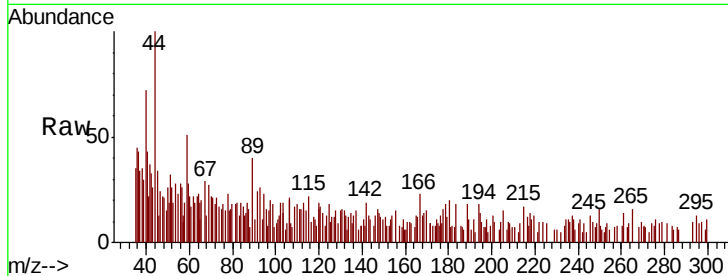


#11

Tert butyl alcohol
Concen: 0.239 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.04 min
Lab File: VX013591.D
Acq: 25 Nov 2019 19:07

Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20191121

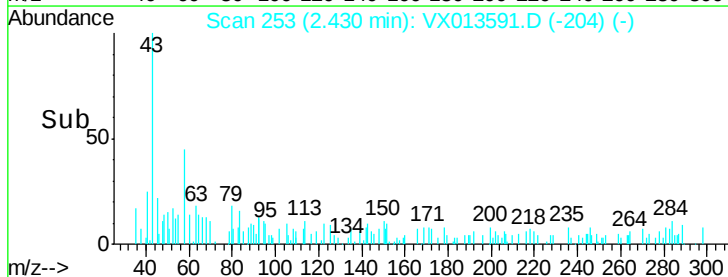
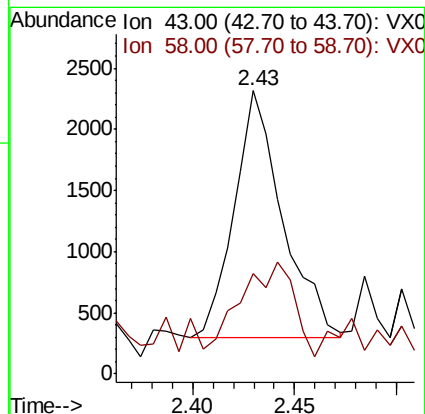
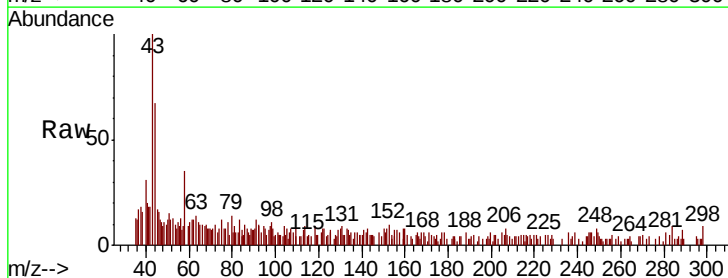
Tot Ion: 59 Resp: 503
Ion Ratio Lower Upper
59 100
57 94.6 8.0 12.0#

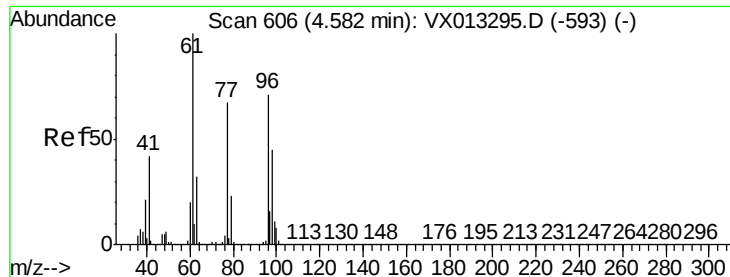


#16

Acetone
Concen: 0.833 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013591.D
Acq: 25 Nov 2019 19:07

Tgt Ion: 43 Resp: 3317
Ion Ratio Lower Upper
43 100
58 17.9 24.3 36.5#



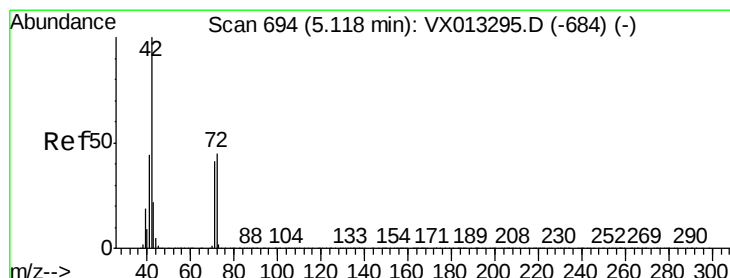
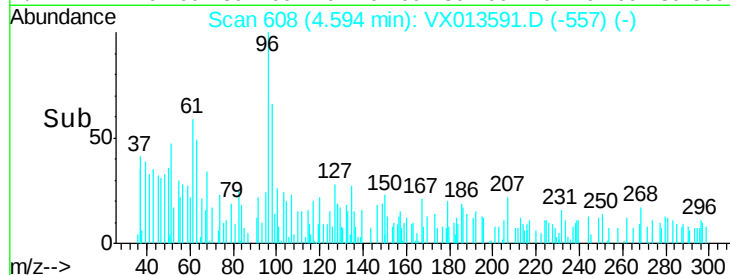
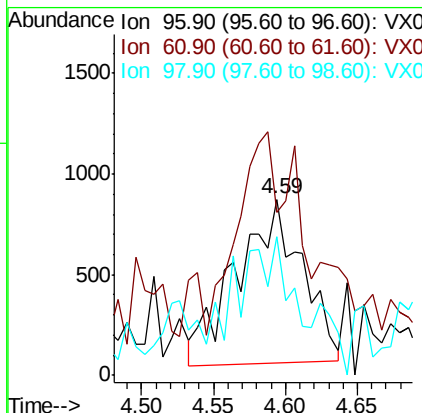
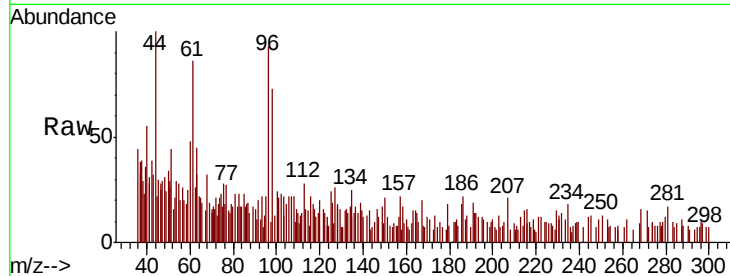


#27

cis-1,2-Dichloroethene
Concen: 0.340 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX013591.D
Acq: 25 Nov 2019 19:07

Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20191121

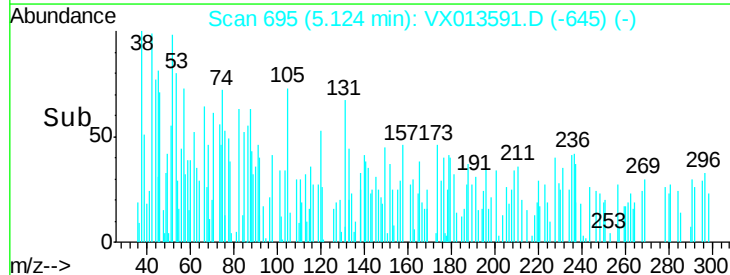
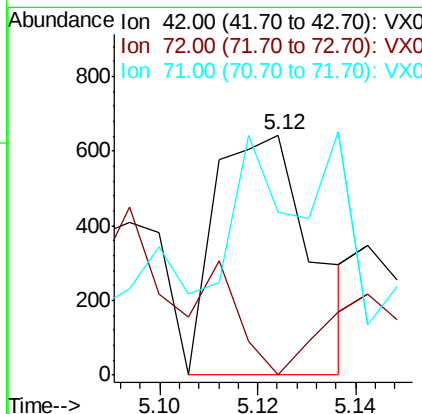
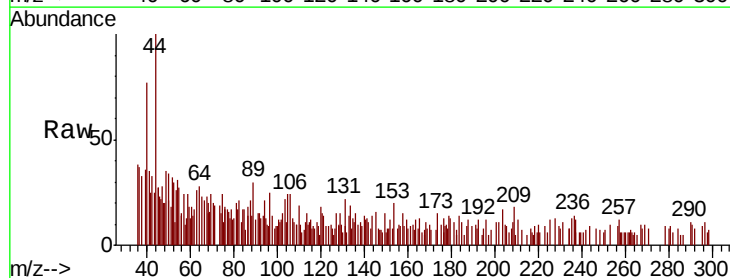
Tot Ion	Ratio	Lower	Upper
96	100		
61	104.6	0.0	288.0
98	65.2	0.0	129.6

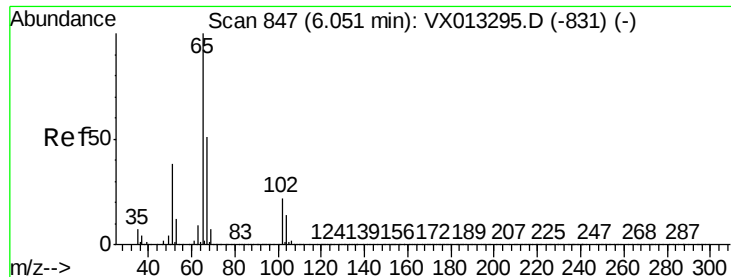


#29

Tetrahydrofuran
Concen: 0.246 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX013591.D
Acq: 25 Nov 2019 19:07

Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.8	53.8#
71	163.9	33.4	50.0#





#33

1,2-Dichloroethane-d4

Concen: 50.680 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013591.D

Acq: 25 Nov 2019 19:07

Instrument :

MSVOA_X

ClientSampleId :

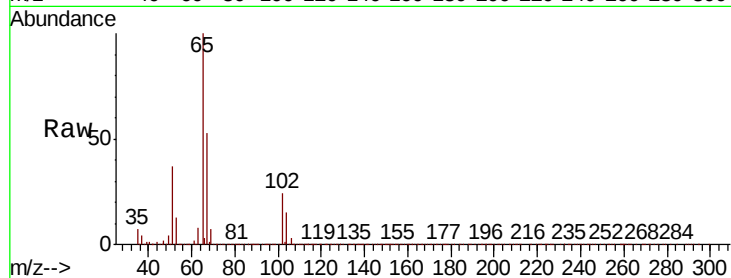
WEST-DITCH-IN-20191121

Tot Ion: 65 Resp: 404434

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

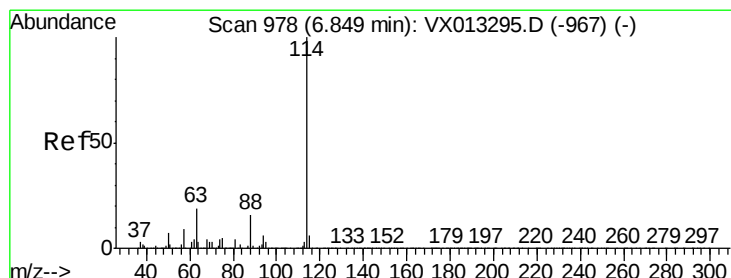
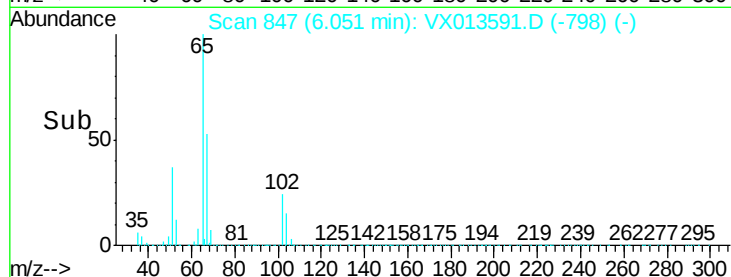
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013591.D

Acq: 25 Nov 2019 19:07

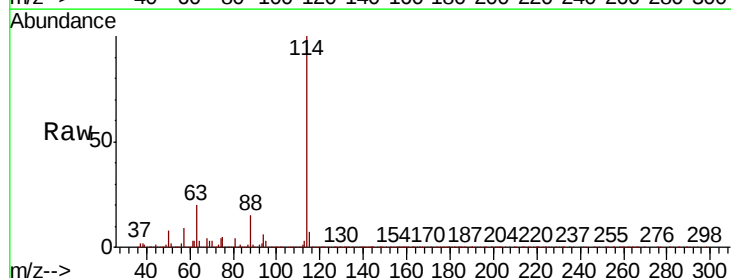
Tgt Ion: 114 Resp: 1094877

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

88 15.3 0.0 32.2



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

6.85

600000

500000

400000

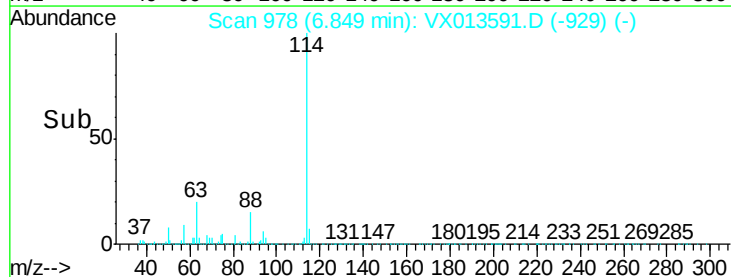
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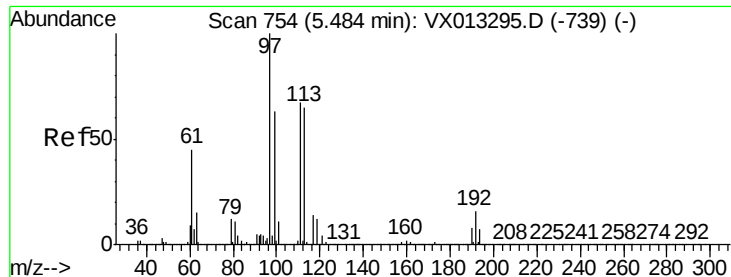
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.719 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013591.D

Acq: 25 Nov 2019 19:07

Instrument :

MSVOA_X

ClientSampleId :

WEST-DITCH-IN-20191121

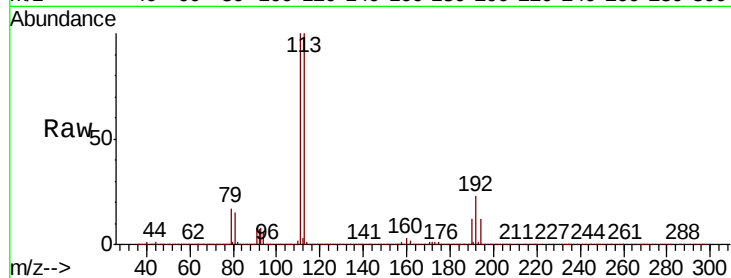
Tot Ion:113 Resp: 327696

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

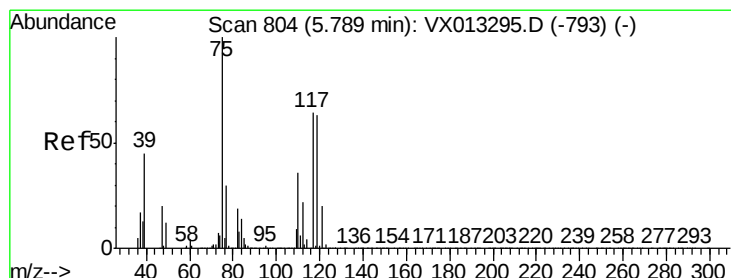
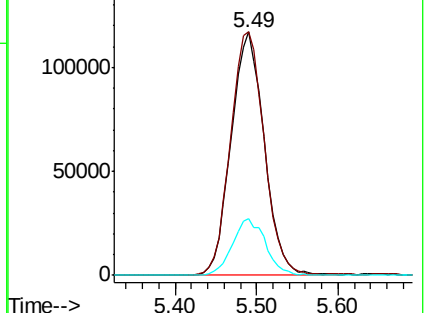
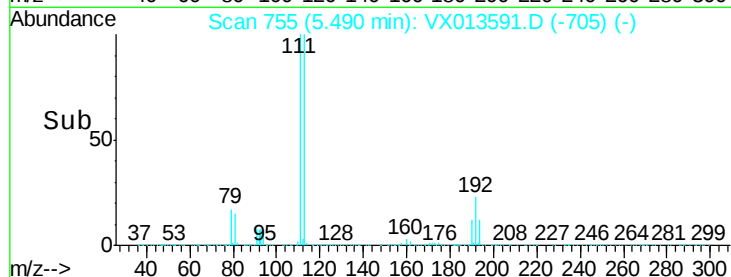
192 23.5 19.1 28.7



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: 4.649 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX013591.D

Acq: 25 Nov 2019 19:07

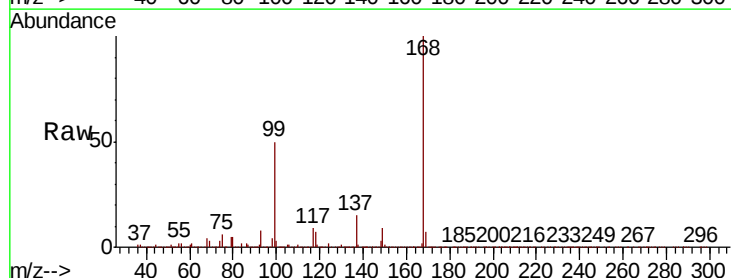
Tgt Ion: 75 Resp: 43667

Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.1#

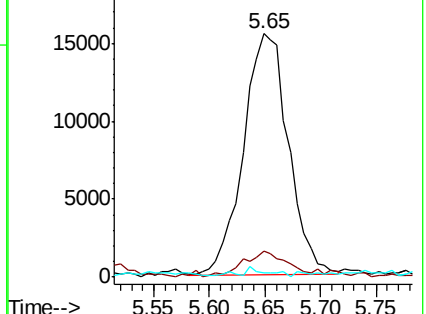
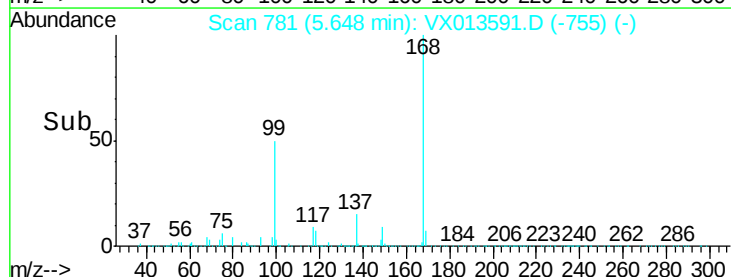
77 1.8 25.0 37.4#

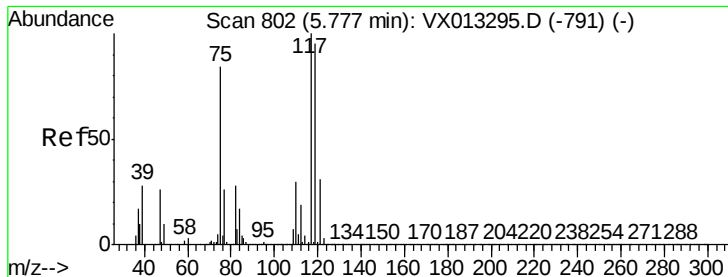


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.538 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013591.D

Acq: 25 Nov 2019 19:07

Instrument :

MSVOA_X

ClientSampleId :

WEST-DITCH-IN-20191121

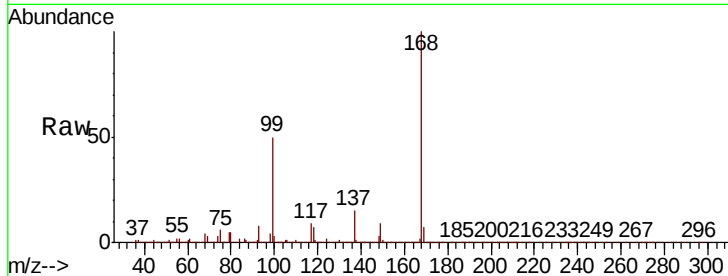
Tot Ion:117 Resp: 60048

Ion Ratio Lower Upper

117 100

119 5.1 76.1 114.1#

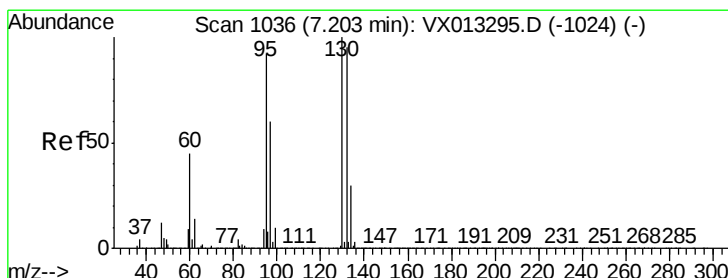
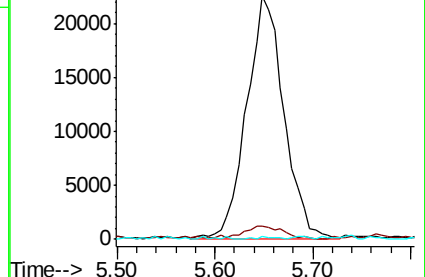
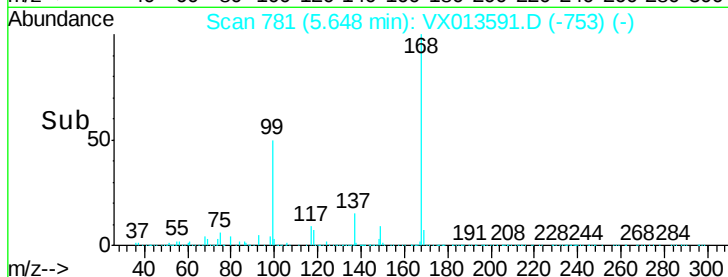
121 0.3 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 0.616 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013591.D

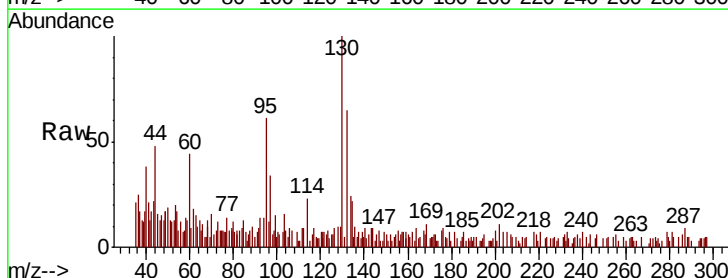
Acq: 25 Nov 2019 19:07

Tgt Ion:130 Resp: 4963

Ion Ratio Lower Upper

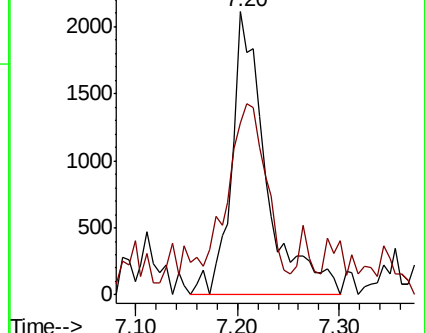
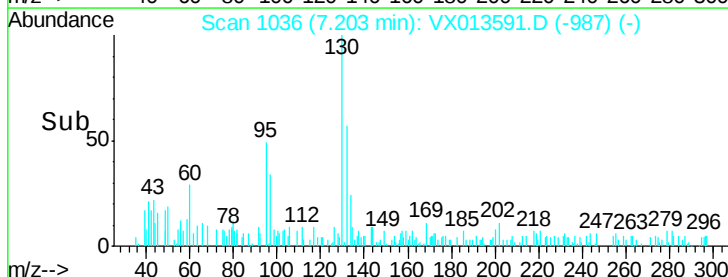
130 100

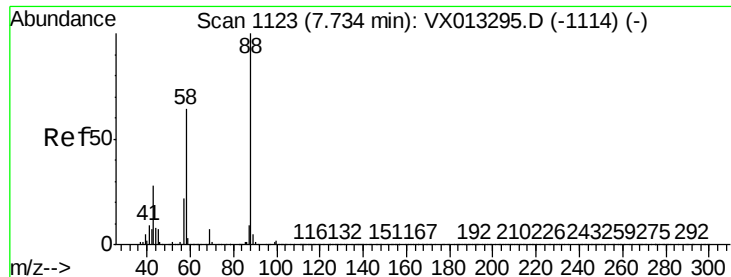
95 42.1 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#49

1,4-Dioxane

Concen: 2.178 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.02 min

Lab File: VX013591.D

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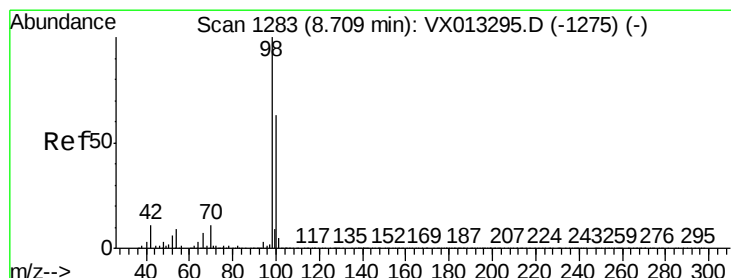
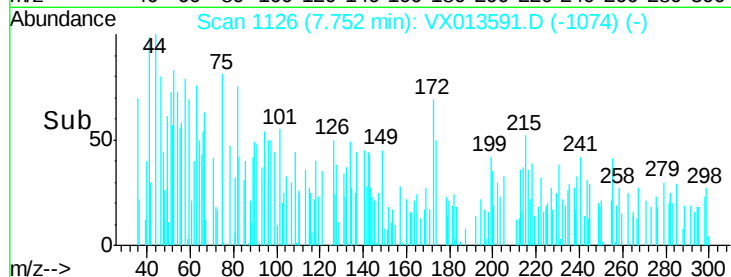
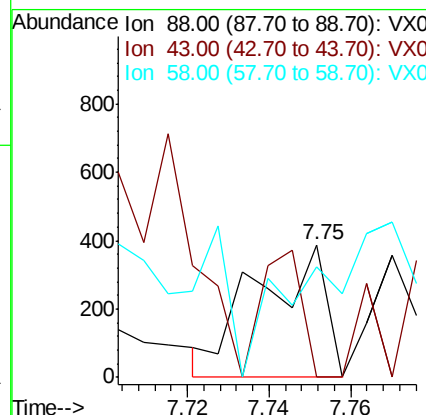
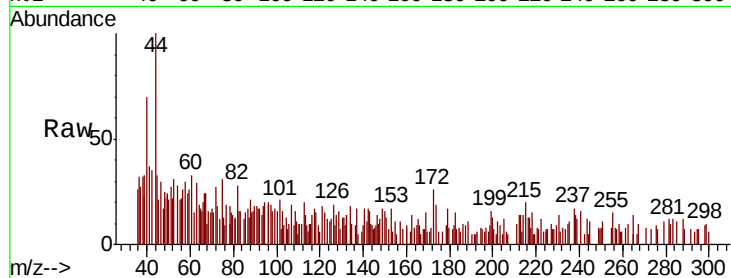
Tot Ion: 88 Resp: 450

Ion Ratio Lower Upper

88 100

43 56.9 26.6 39.8#

58 0.0 55.0 82.6#



#50

Toluene-d8

Concen: 50.307 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013591.D

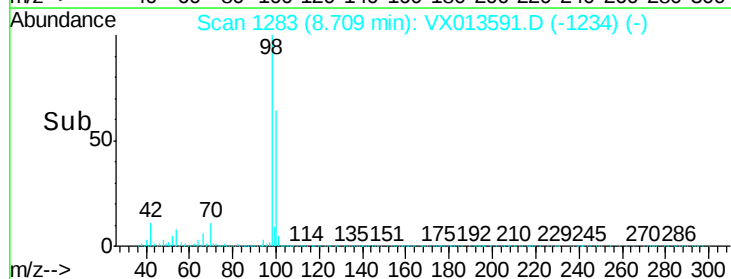
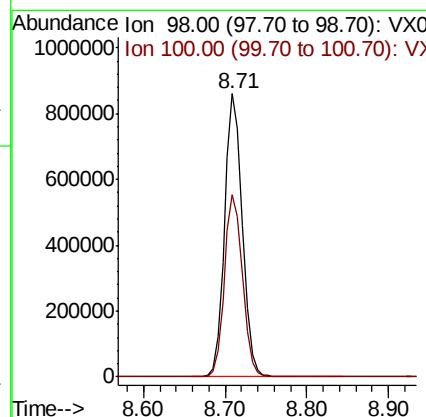
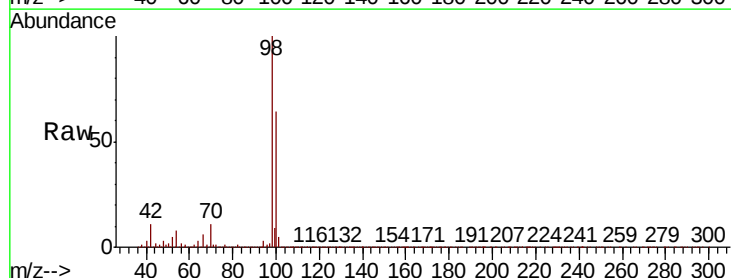
Acq: 25 Nov 2019 19:07

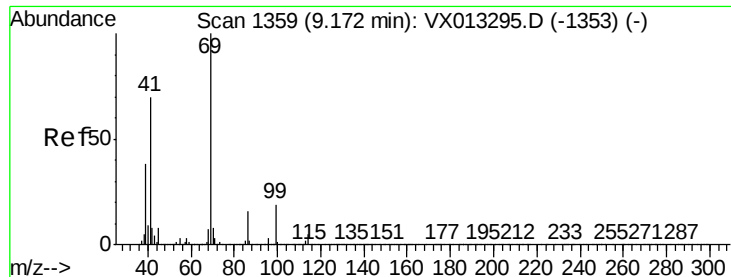
Tgt Ion: 98 Resp: 1302392

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2





#56

Ethyl methacrylate

Concen: 1.614 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX013591.D

Acq: 25 Nov 2019 19:07

Instrument :

MSVOA_X

ClientSampleId :

WEST-DITCH-IN-20191121

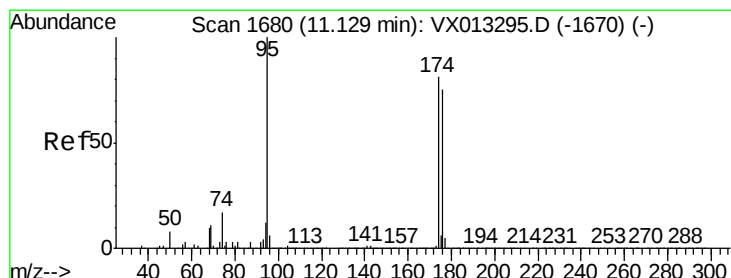
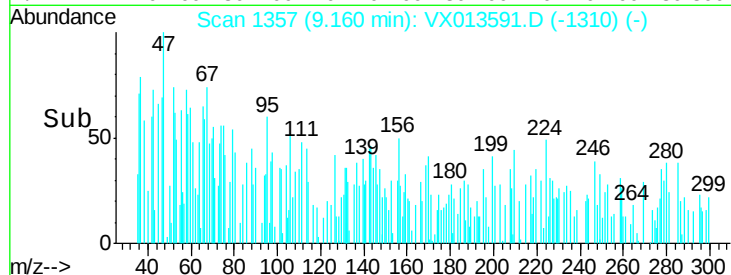
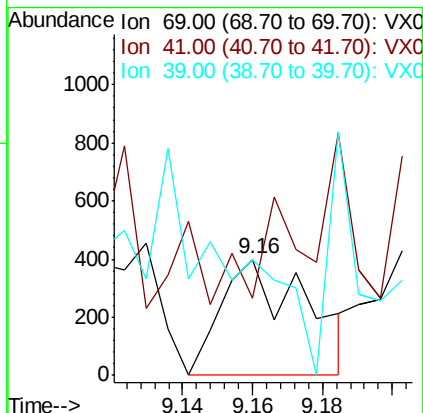
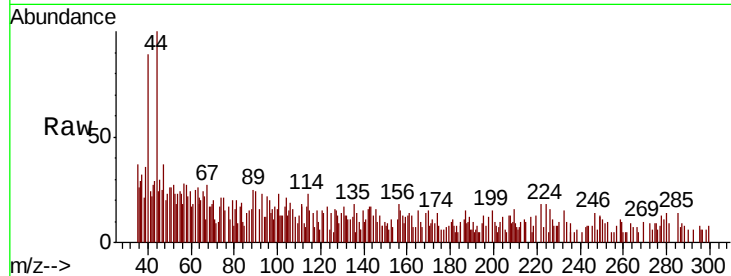
Tot Ion: 69 Resp: 670

Ion Ratio Lower Upper

69 100

41 0.0 56.2 84.2#

39 0.0 31.1 46.7#



#62

4-Bromofluorobenzene

Concen: 47.107 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013591.D

Acq: 25 Nov 2019 19:07

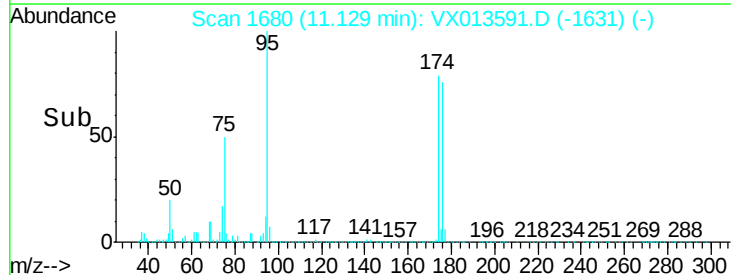
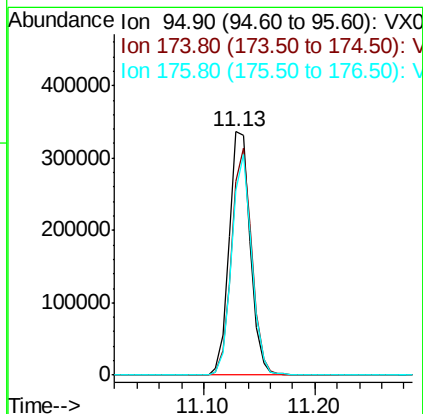
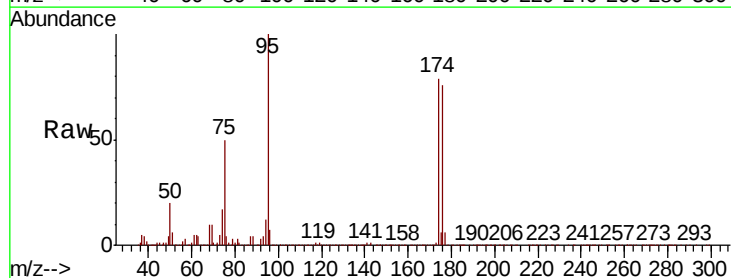
Tgt Ion: 95 Resp: 440142

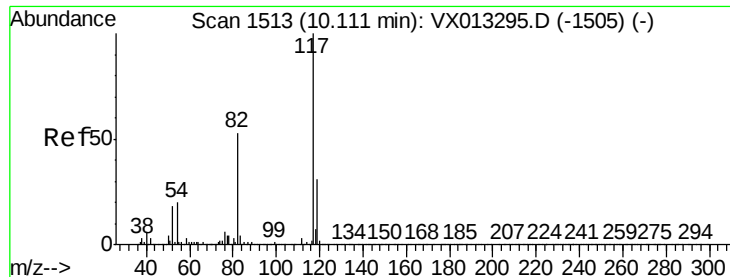
Ion Ratio Lower Upper

95 100

174 89.1 0.0 179.8

176 86.2 0.0 173.0

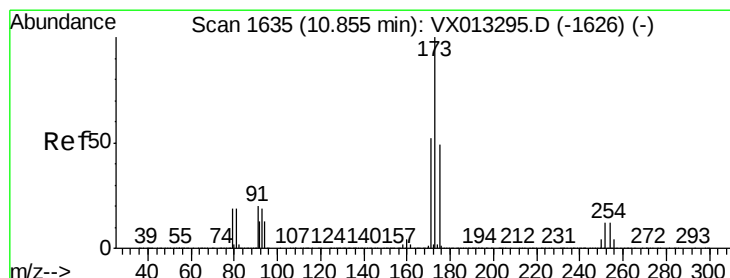
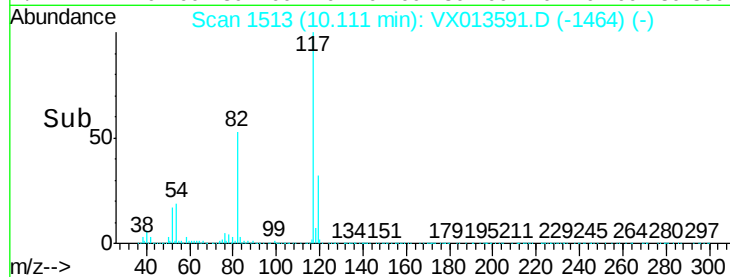
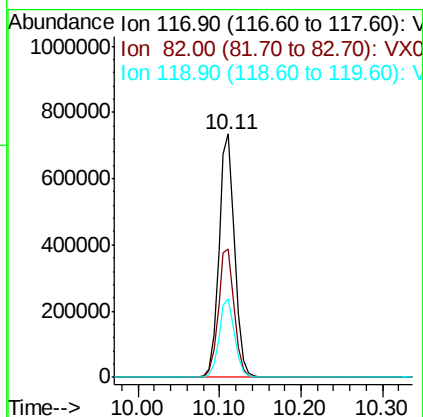
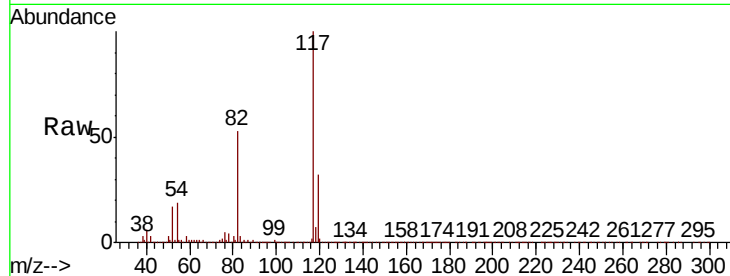




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013591.D
Acq: 25 Nov 2019 19:07

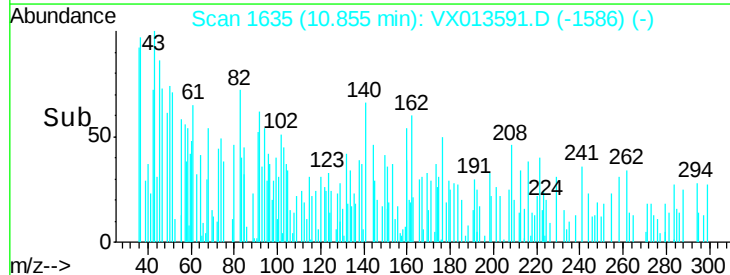
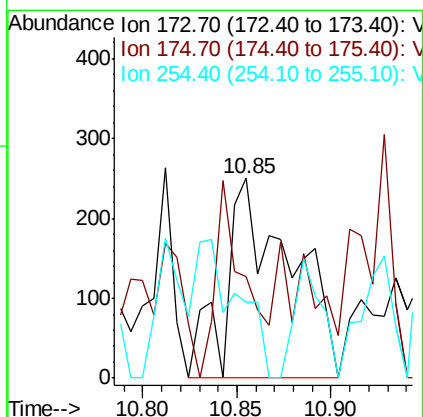
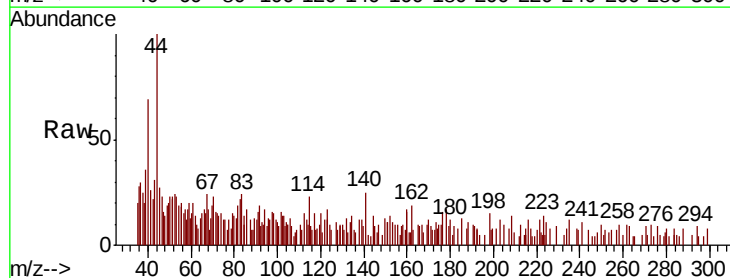
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20191121

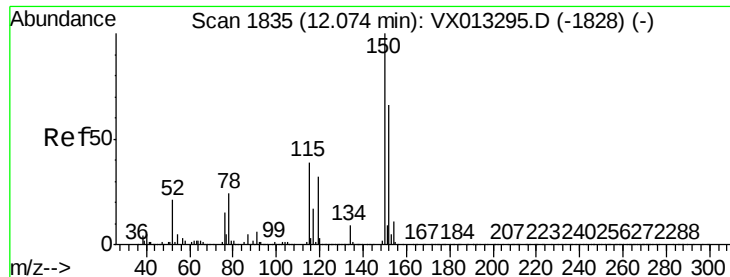
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.6	64.0
119	32.2	24.8	37.2



#71
Bromoform
Concen: 3.285 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013591.D
Acq: 25 Nov 2019 19:07

Tgt Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.8	74.4#
254	43.9	0.2	0.2#



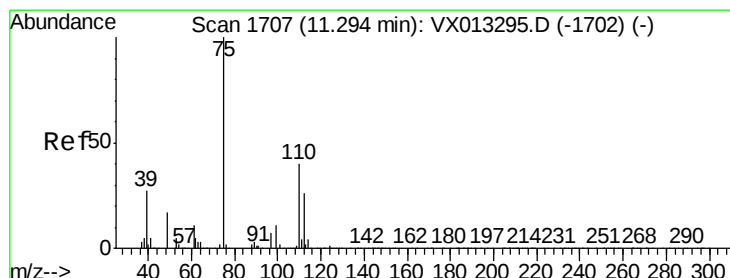
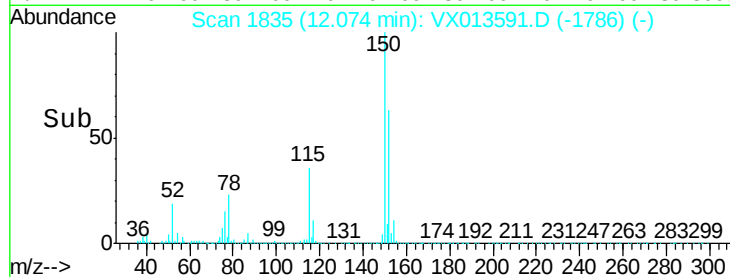
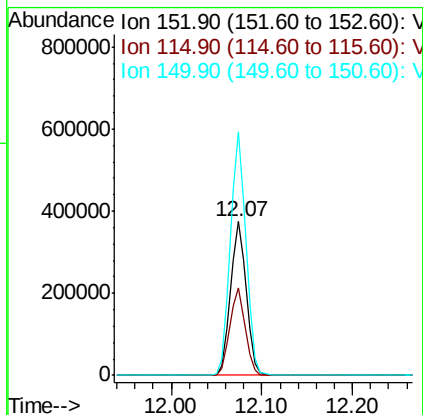
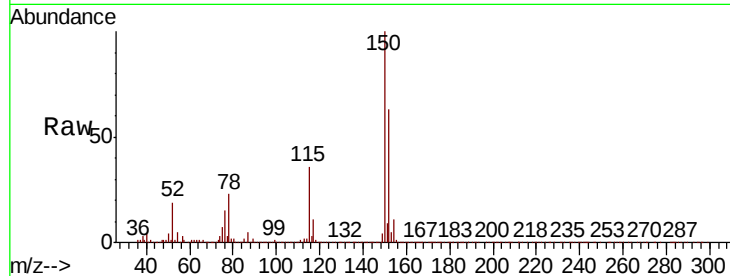


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013591.D
Acq: 25 Nov 2019 19:07

Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20191121

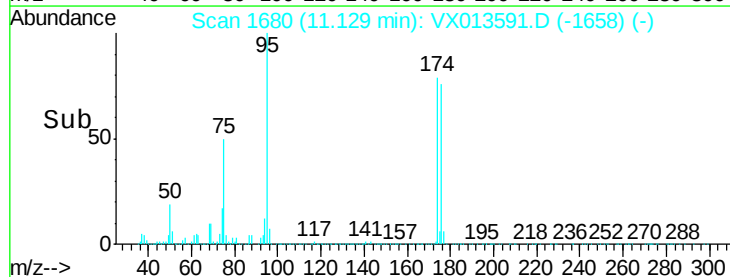
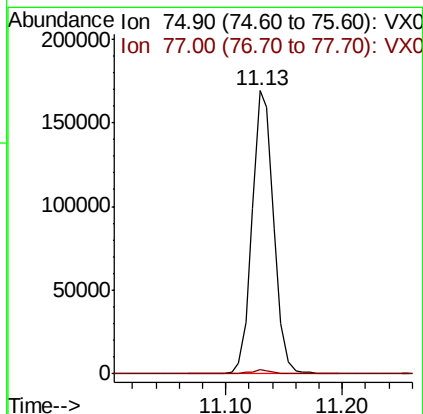
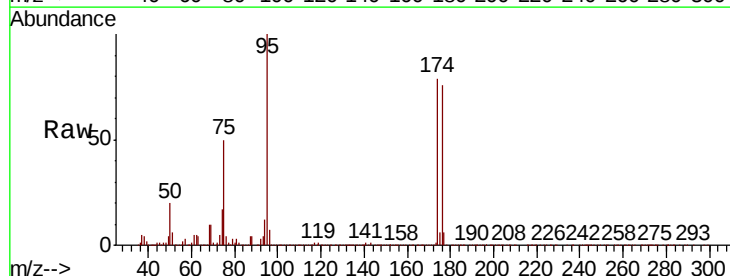
Tot Ion	Ratio	Lower	Upper
152	100		
115	56.2	39.5	118.3
150	157.6	0.0	344.4

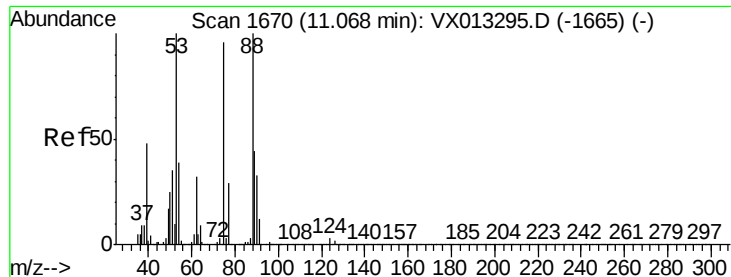


#76

1,2,3-Trichloropropane
Concen: 23.851 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013591.D
Acq: 25 Nov 2019 19:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.3	66.8





#81

trans-1,4-Dichloro-2-butene

Concen: 61.391 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013591.D

Acq: 25 Nov 2019 19:07

Instrument :

MSVOA_X

ClientSampleId :

WEST-DITCH-IN-20191121

Tot Ion: 75 Resp: 217641

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

89 0.1 36.0 54.0#

