

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019627.D
 Acq On : 25 Nov 2020 00:26
 Operator : JC/MD
 Sample : L4835-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WEST-DITCH-IN-20201119

Quant Time: Nov 25 06:44:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	317522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	519804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	489289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	224823	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	191515	46.52	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.04%
35) Dibromofluoromethane	5.46	113	152288	46.67	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.34%
50) Toluene-d8	8.70	98	631427	49.80	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.60%
62) 4-Bromofluorobenzene	11.12	95	239393	52.48	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.96%

Target Compounds

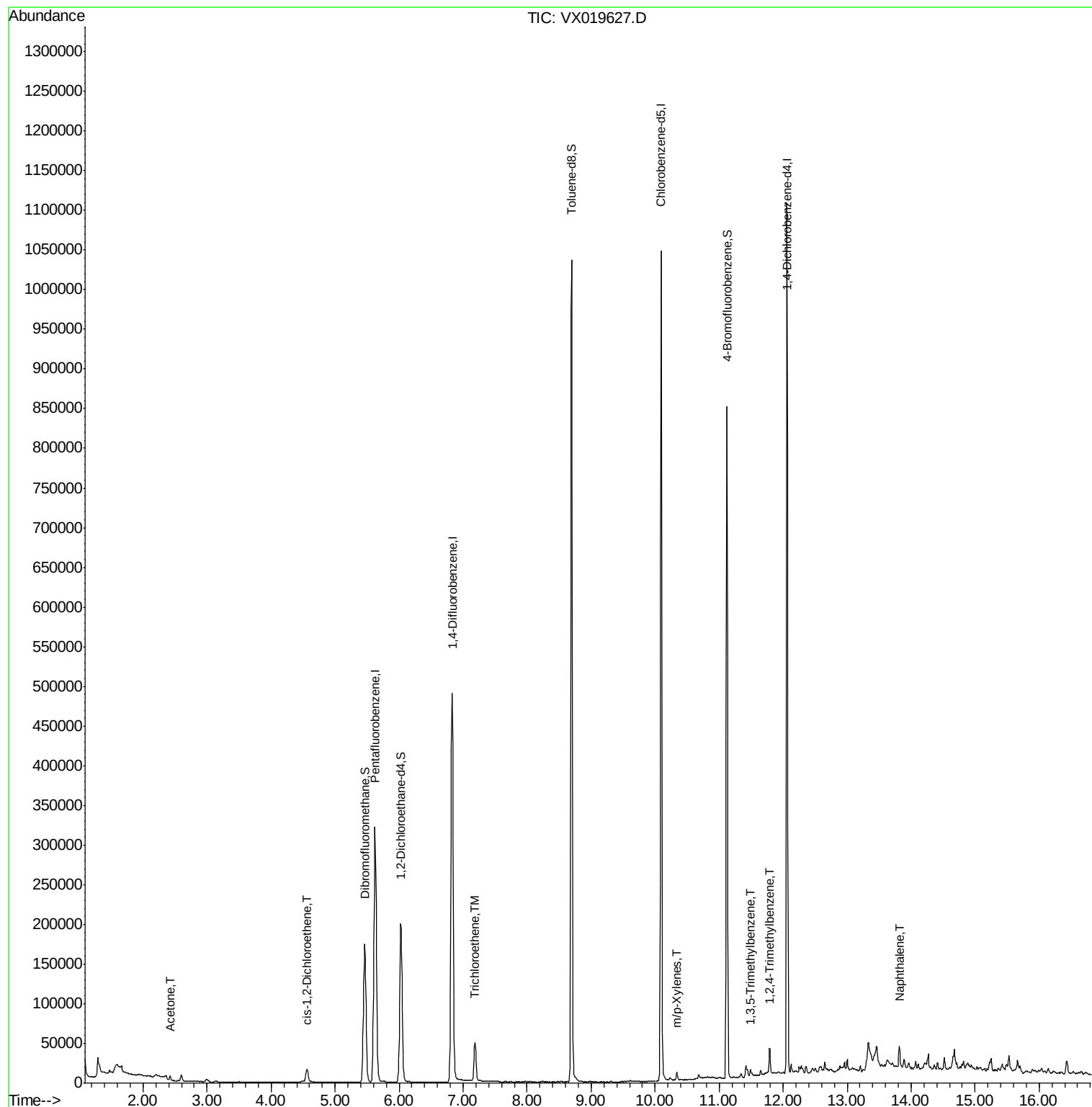
					Qvalue
16) Acetone	2.42	43	5688	3.573	ug/l 91
27) cis-1,2-Dichloroethene	4.56	96	10708	2.610	ug/l 96
44) Trichloroethene	7.19	130	18246	4.652	ug/l 95
68) m/p-Xylenes	10.34	106	2142	0.326	ug/l 90
80) 1,3,5-Trimethylbenzene	11.49	105	3419	0.262	ug/l 99
84) 1,2,4-Trimethylbenzene	11.79	105	14027	1.063	ug/l 97
95) Naphthalene	13.82	128	19650	3.311	ug/l # 96

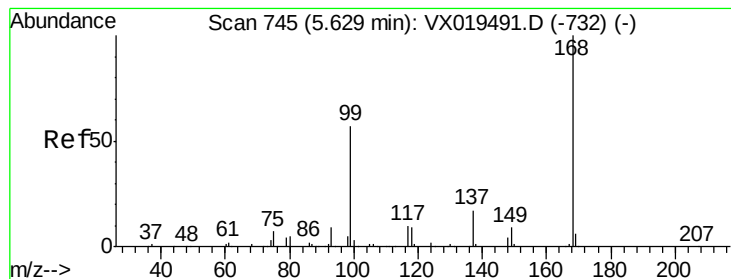
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019627.D

Acq: 25 Nov 2020 00:26

Instrument :

MSVOA_X

ClientSampleId :

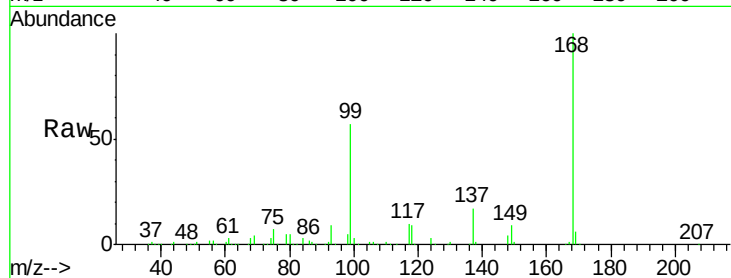
WEST-DITCH-IN-20201119

Tot Ion:168 Resp: 317522

Ion Ratio Lower Upper

168 100

99 56.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

60000

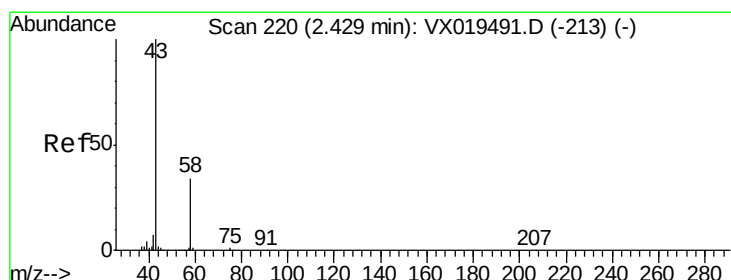
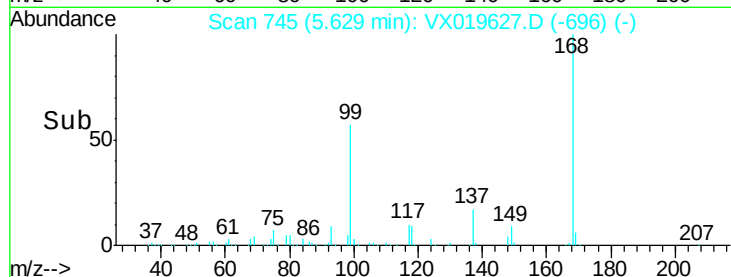
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.573 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019627.D

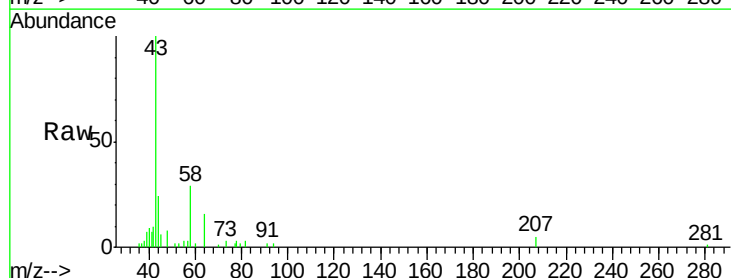
Acq: 25 Nov 2020 00:26

Tgt Ion: 43 Resp: 5688

Ion Ratio Lower Upper

43 100

58 29.2 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

4000

3000

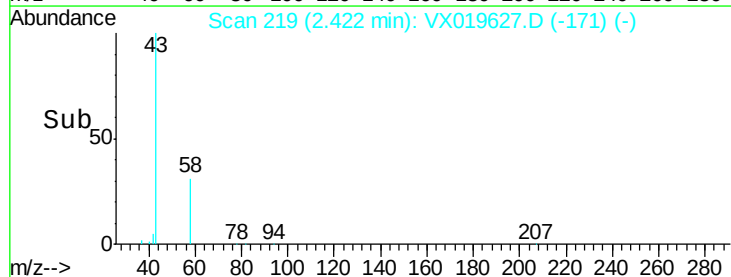
2000

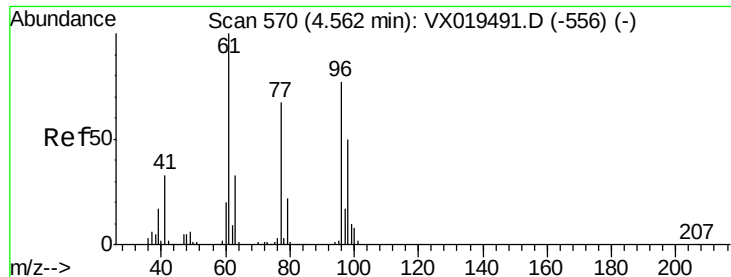
1000

0

Time-->

2.40 2.50





#27

cis-1,2-Dichloroethene

Concen: 2.610 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX019627.D

Acq: 25 Nov 2020 00:26

Instrument :

MSVOA_X

ClientSampleId :

WEST-DITCH-IN-20201119

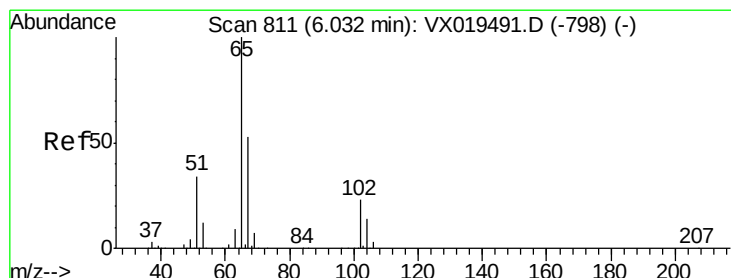
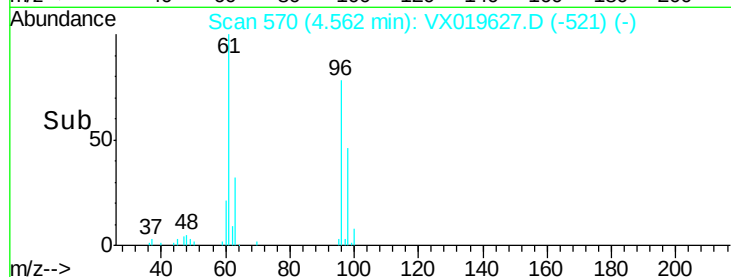
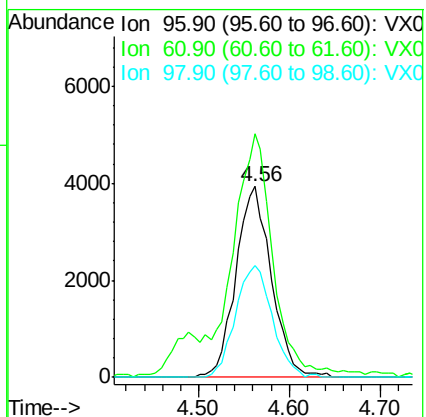
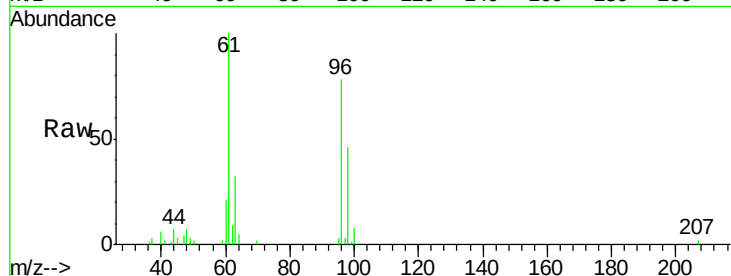
Tot Ion: 96 Resp: 10708

Ion Ratio Lower Upper

96 100

61 135.5 0.0 279.2

98 60.4 0.0 129.8



#33

1,2-Dichloroethane-d4

Concen: 46.519 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019627.D

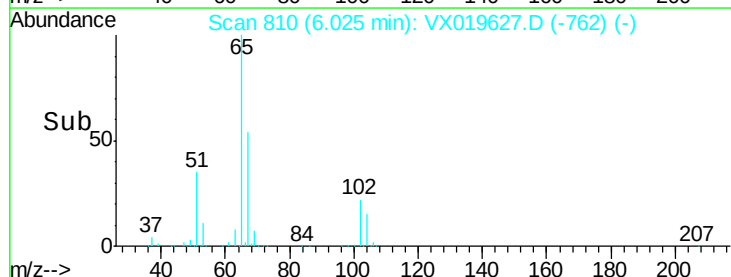
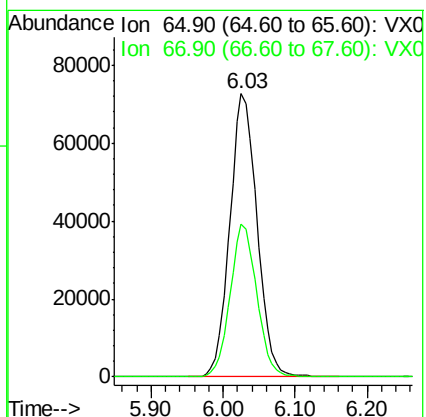
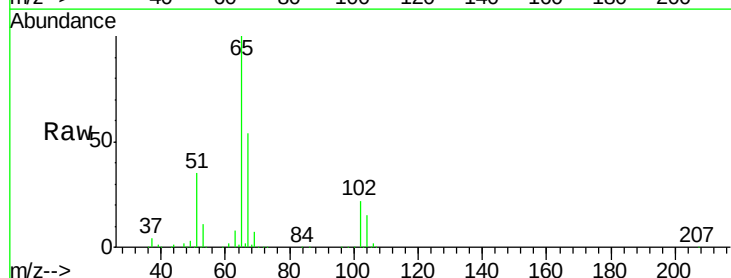
Acq: 25 Nov 2020 00:26

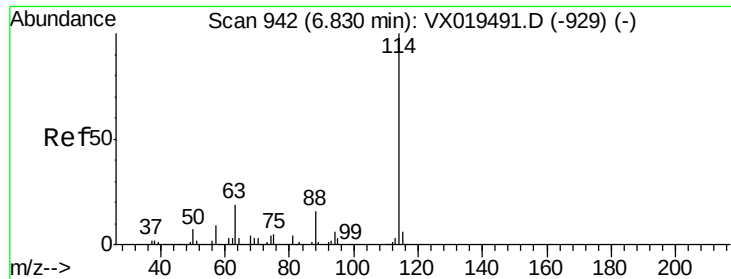
Tgt Ion: 65 Resp: 191515

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.0

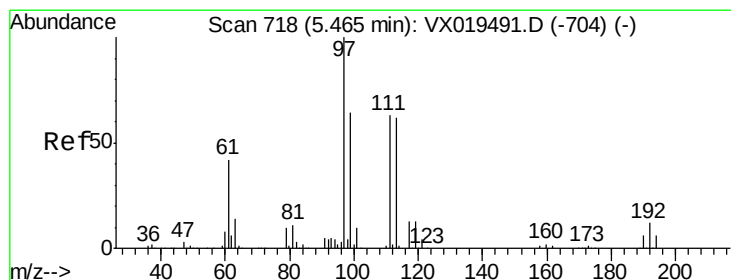
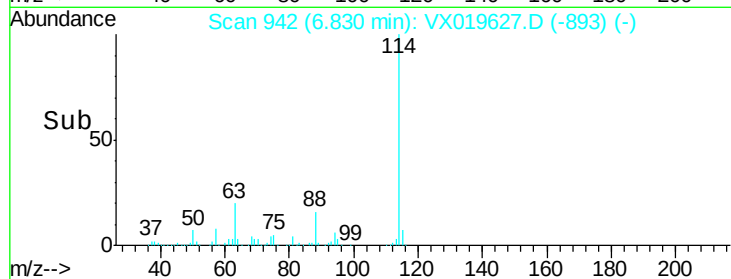
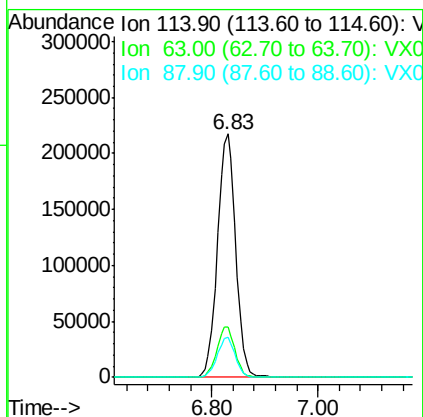
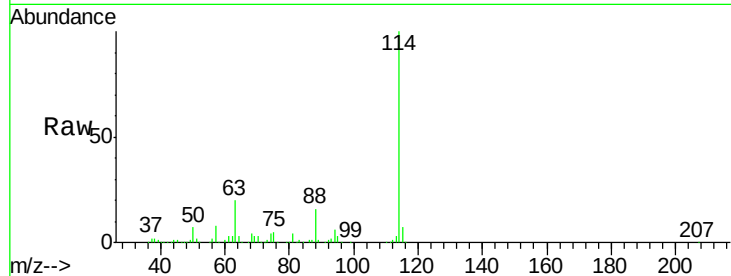




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019627.D
 Acq: 25 Nov 2020 00:26

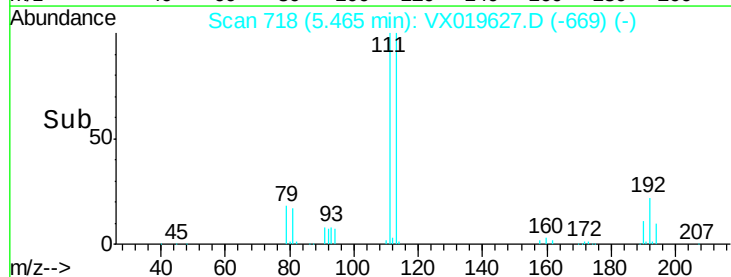
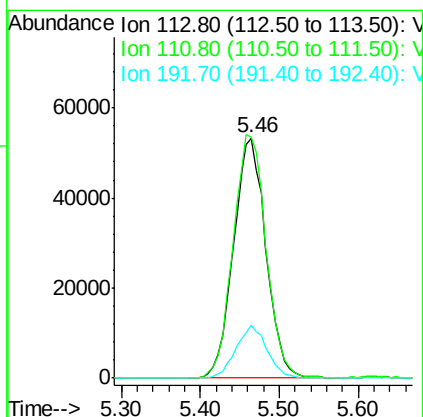
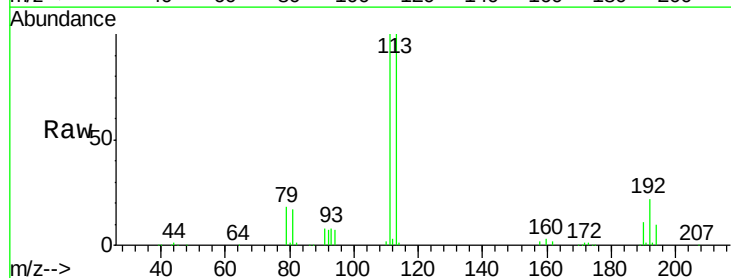
Instrument :
 MSVOA_X
 ClientSampleId :
 WEST-DITCH-IN-20201119

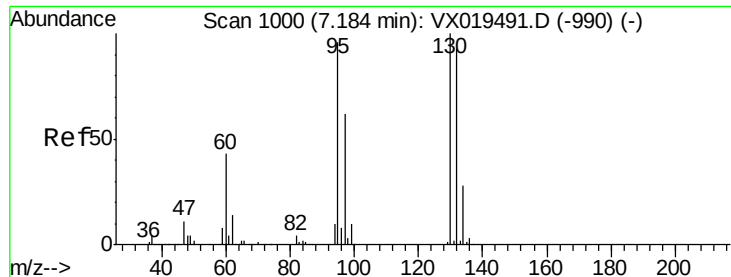
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	38.8
88	16.3	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 46.674 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019627.D
 Acq: 25 Nov 2020 00:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.5	122.3
192	21.0	16.2	24.2





#44

Trichloroethene

Concen: 4.652 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019627.D

Acq: 25 Nov 2020 00:26

Instrument :

MSVOA_X

ClientSampleId :

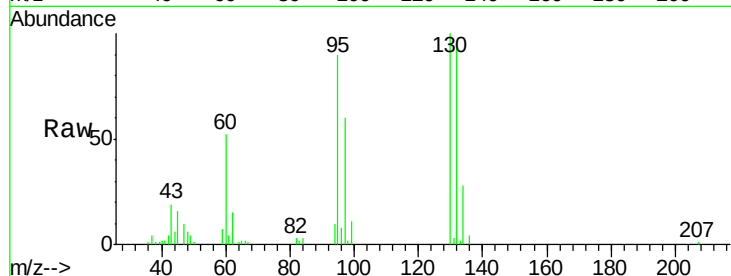
WEST-DITCH-IN-20201119

Tot Ion:130 Resp: 18246

Ion Ratio Lower Upper

130 100

95 90.4 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

10000

8000

6000

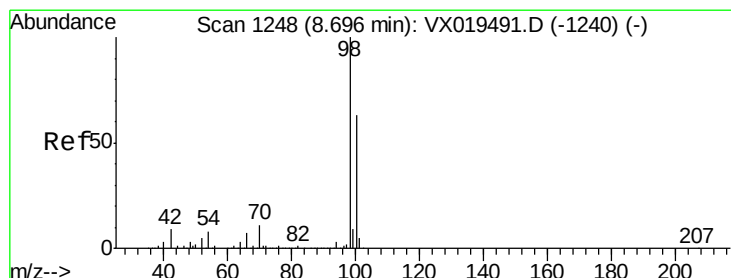
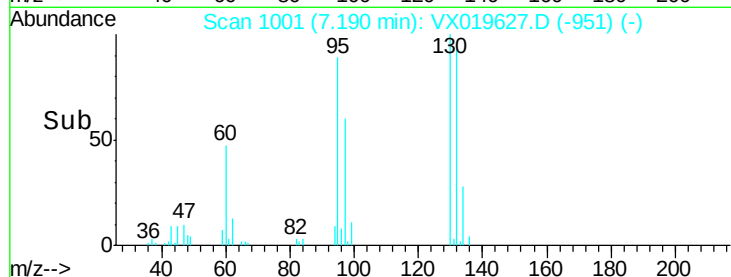
4000

2000

0

Time-->

7.10 7.15 7.20 7.25



#50

Toluene-d8

Concen: 49.801 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019627.D

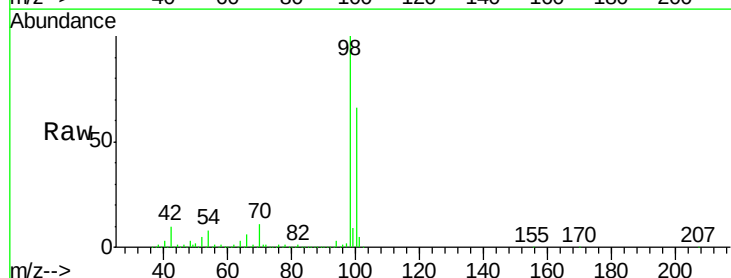
Acq: 25 Nov 2020 00:26

Tgt Ion: 98 Resp: 631427

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

400000

300000

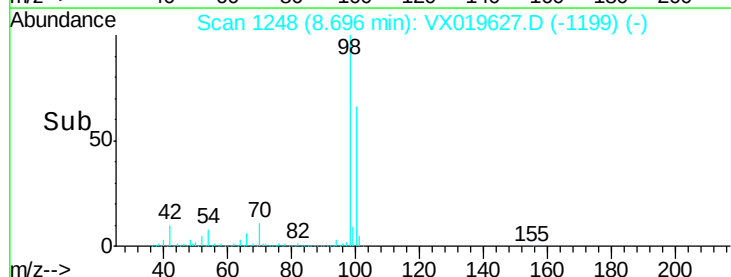
200000

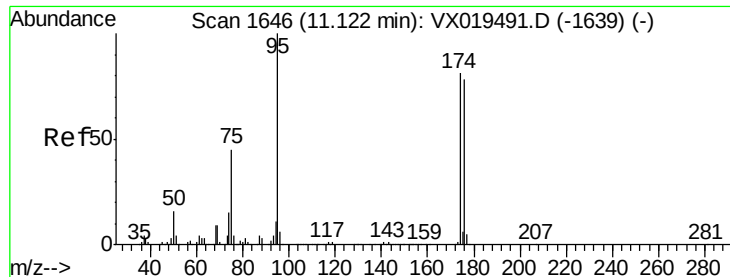
100000

0

Time-->

8.60 8.70 8.80 8.90





#62

4-Bromofluorobenzene

Concen: 52.479 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.01 min

Lab File: VX019627.D

Acq: 25 Nov 2020 00:26

Instrument :

MSVOA_X

ClientSampleId :

WEST-DITCH-IN-20201119

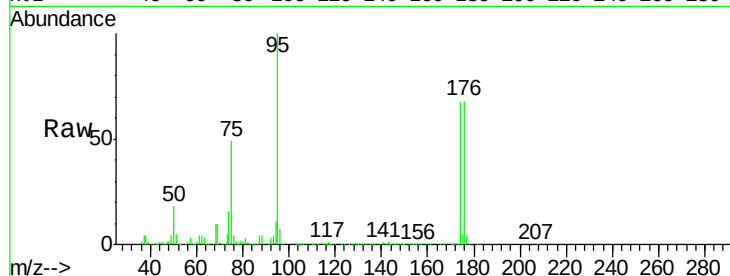
Tot Ion: 95 Resp: 239393

Ion Ratio Lower Upper

95 100

174 77.3 0.0 156.2

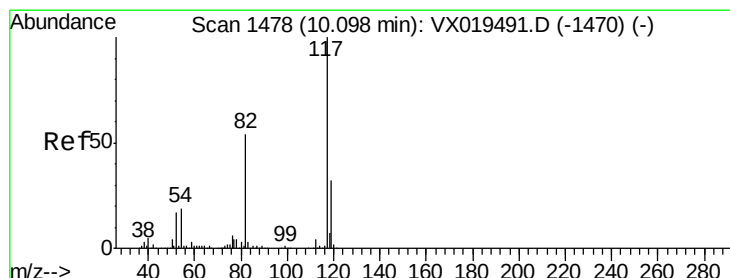
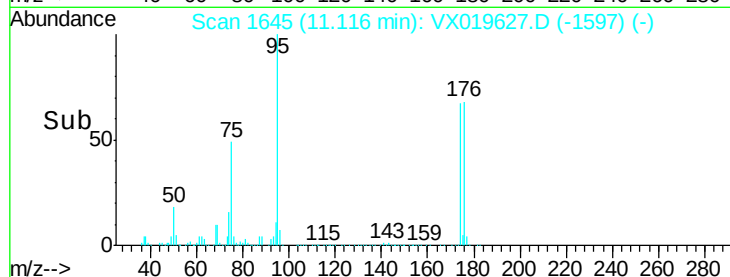
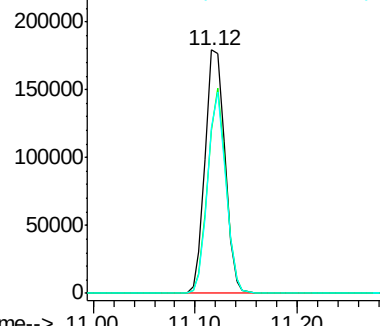
176 75.5 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX019491.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX019491.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX019491.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.01 min

Lab File: VX019627.D

Acq: 25 Nov 2020 00:26

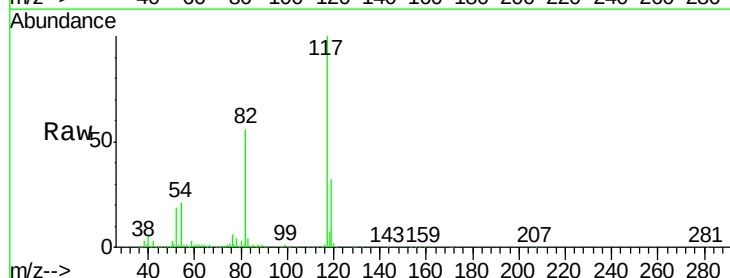
Tgt Ion: 117 Resp: 489289

Ion Ratio Lower Upper

117 100

82 56.5 43.0 64.4

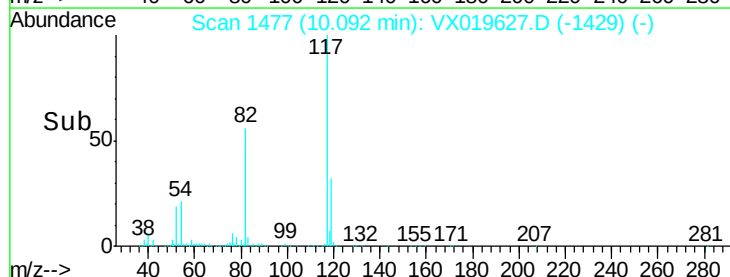
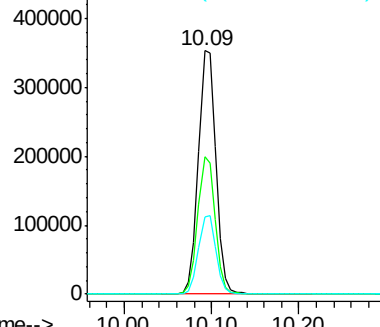
119 31.8 25.6 38.4

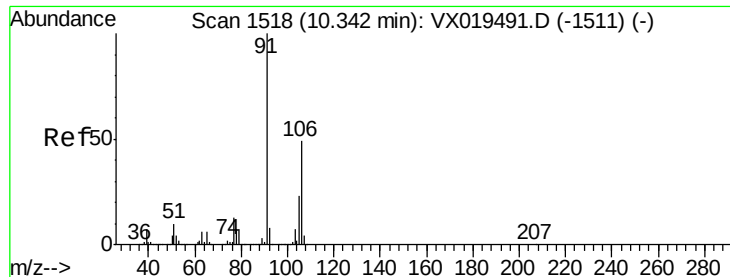


Abundance Ion 116.90 (116.60 to 117.60): VX019491.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019491.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019491.D (-1470) (-)

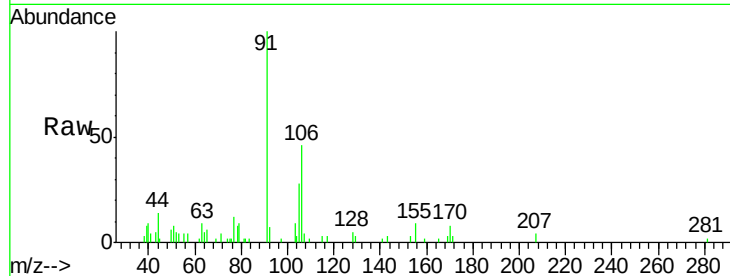




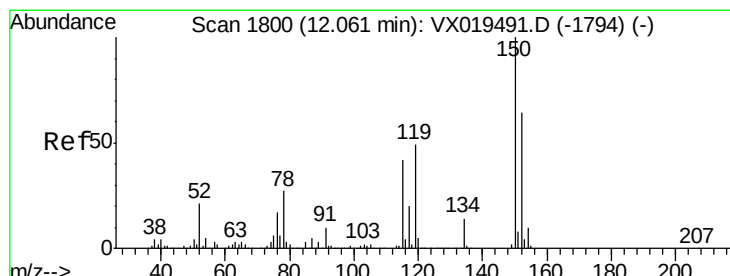
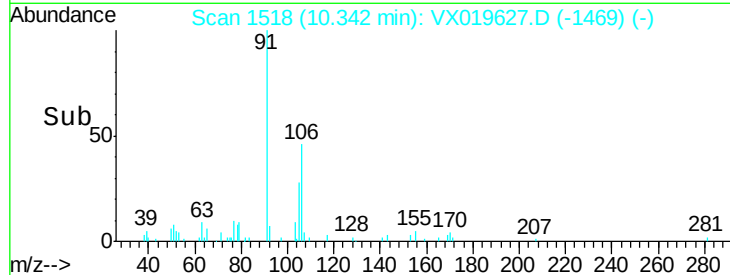
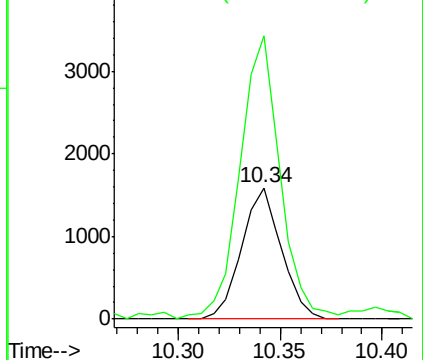
#68
m/p-Xylenes
Concen: 0.326 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019627.D
Acq: 25 Nov 2020 00:26

Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20201119

Tot Ion:106 Resp: 2142
Ion Ratio Lower Upper
106 100
91 219.1 163.3 244.9

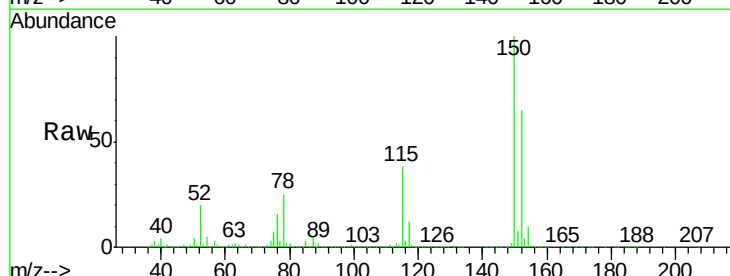


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

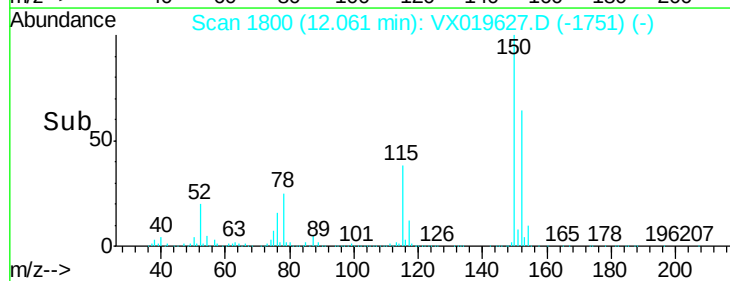
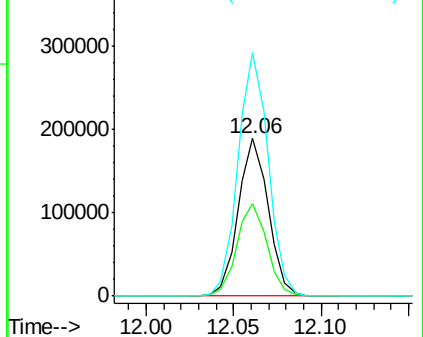


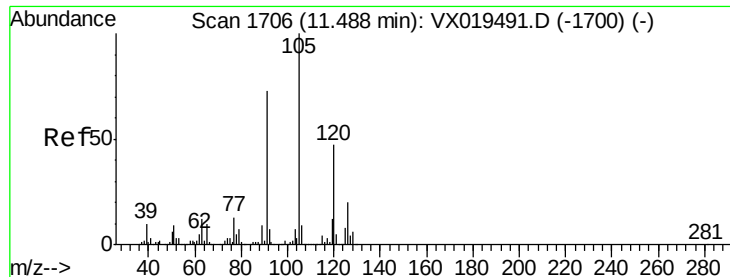
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019627.D
Acq: 25 Nov 2020 00:26

Tgt Ion:152 Resp: 224823
Ion Ratio Lower Upper
152 100
115 59.1 41.8 125.4
150 156.5 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.262 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019627.D

Acq: 25 Nov 2020 00:26

Instrument :

MSVOA_X

ClientSampleId :

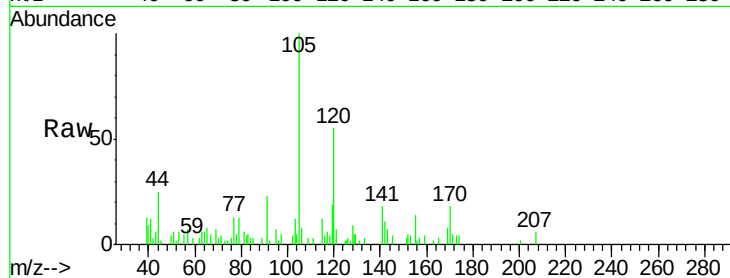
WEST-DITCH-IN-20201119

Tot Ion:105 Resp: 3419

Ion Ratio Lower Upper

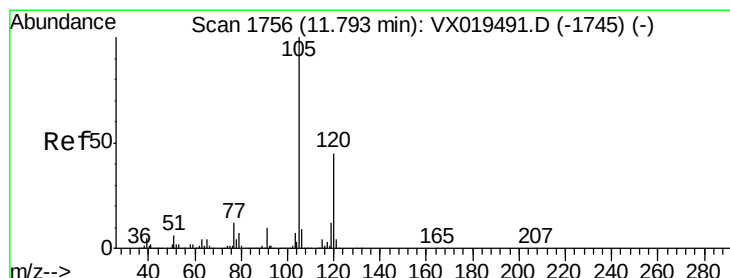
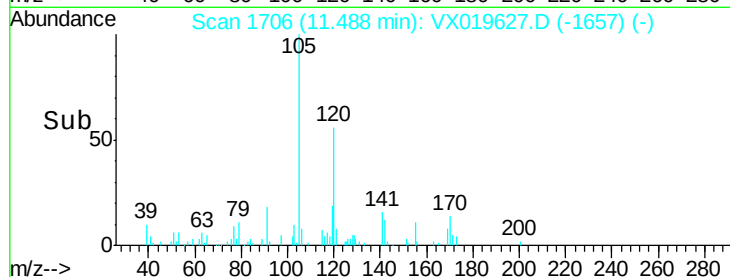
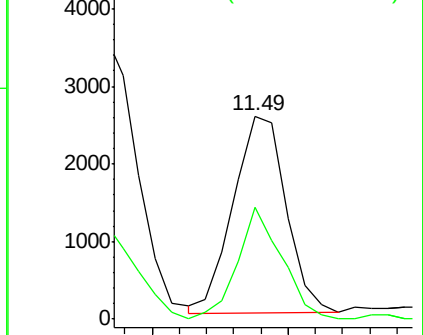
105 100

120 47.5 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.063 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX019627.D

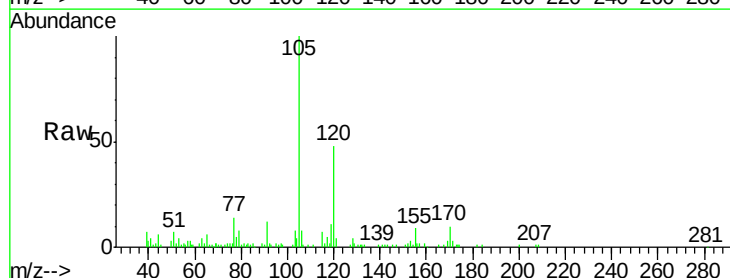
Acq: 25 Nov 2020 00:26

Tgt Ion:105 Resp: 14027

Ion Ratio Lower Upper

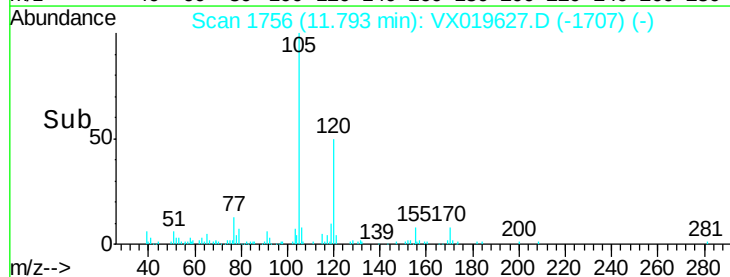
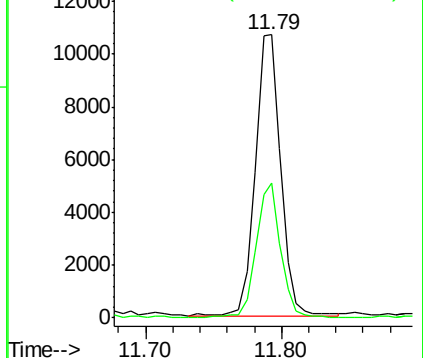
105 100

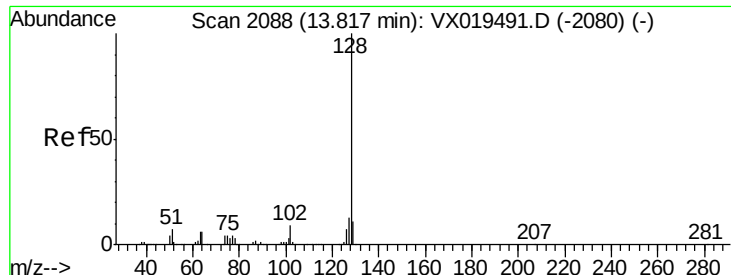
120 46.4 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

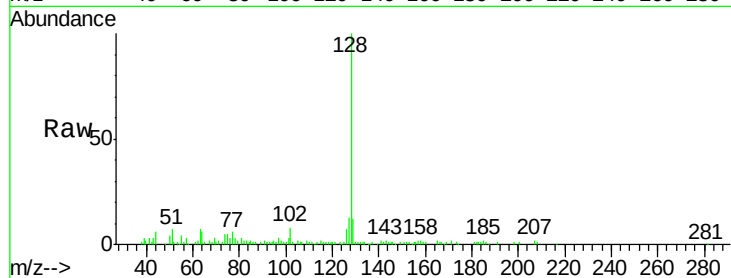




#95
Naphthalene
Concen: 3.311 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019627.D
Acq: 25 Nov 2020 00:26

Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20201119

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.3	15.5
129	13.3	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

