

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019080.D
 Acq On : 23 Oct 2020 16:54
 Operator : JC/SP
 Sample : L4490-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 201021001-10-TRIP-BLANK

Quant Time: Oct 26 07:12:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	39970	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	225496	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	198936	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	82527	31.00	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.33%
60) 4-Bromofluorobenzene	11.12	95	89051	29.82	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.40%
63) Toluene-d8	8.70	98	263921	30.05	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.17%

Target Compounds

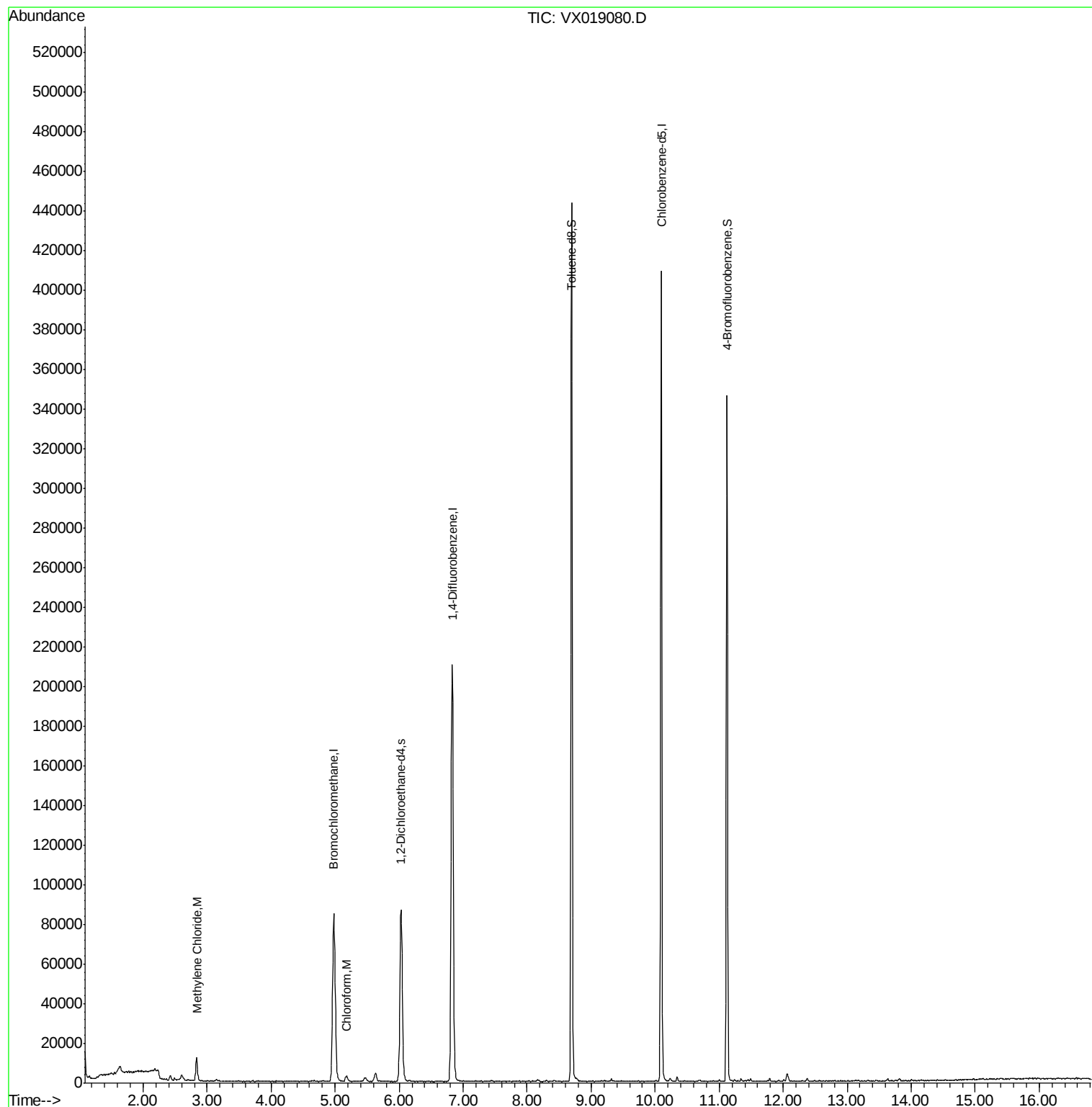
					Ovalue	
18) Methylene Chloride	2.84	84	5983	2.607	ug/l	91
25) Chloroform	5.18	83	3039	0.734	ug/l #	78

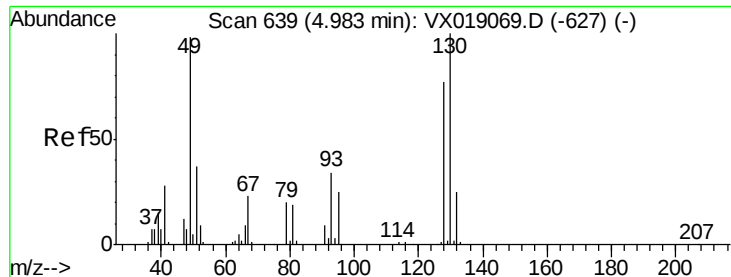
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX019080.D

Acq: 23 Oct 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

201021001-10-TRIP-BLANK

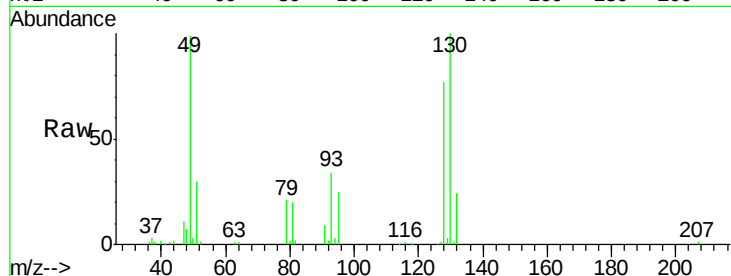
Tot Ion:128 Resp: 39970

Ion Ratio Lower Upper

128 100

49 129.5 0.0 318.8

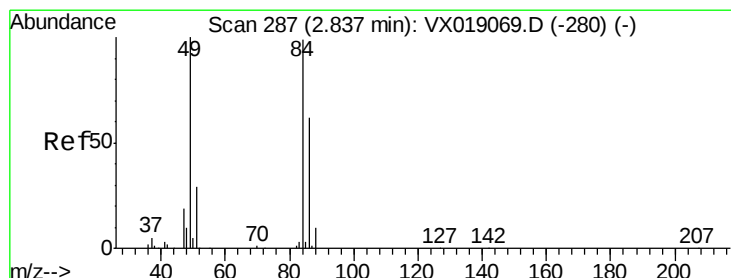
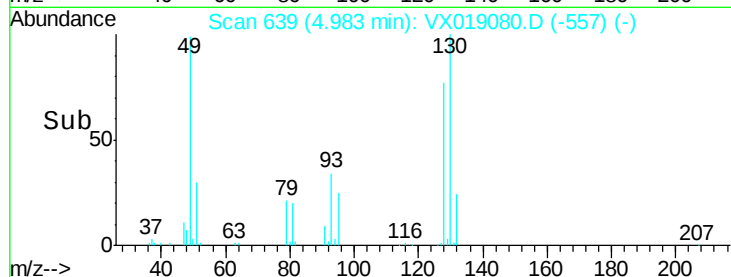
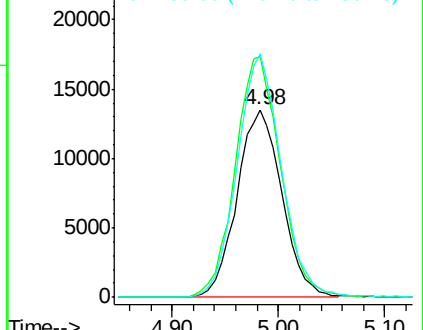
130 127.6 0.0 321.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#18

Methylene Chloride

Concen: 2.607 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX019080.D

Acq: 23 Oct 2020 16:54

Tgt Ion: 84 Resp: 5983

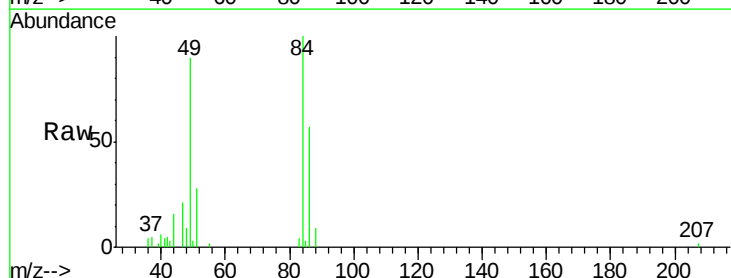
Ion Ratio Lower Upper

84 100

49 89.8 80.9 121.3

51 28.4 23.8 35.6

86 57.4 50.6 75.8

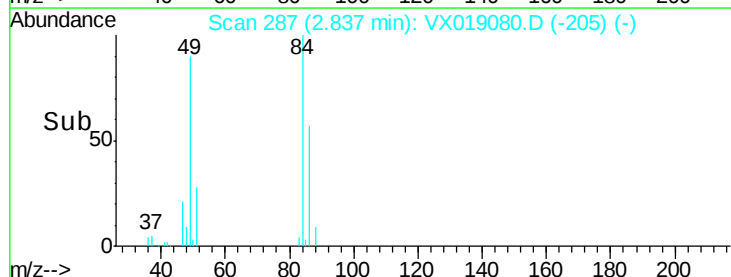
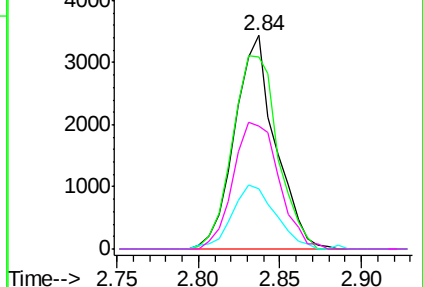


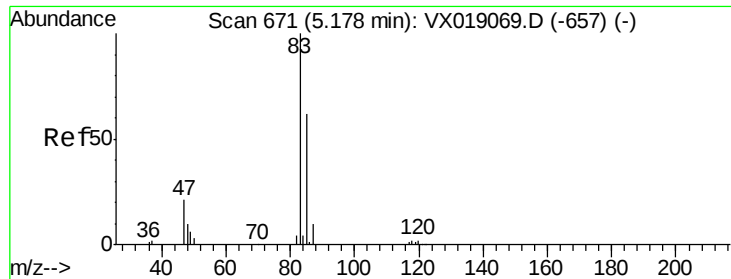
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#25

Chloroform

Concen: 0.734 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX019080.D

Acq: 23 Oct 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

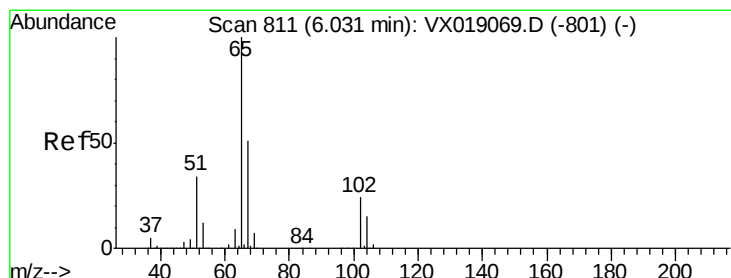
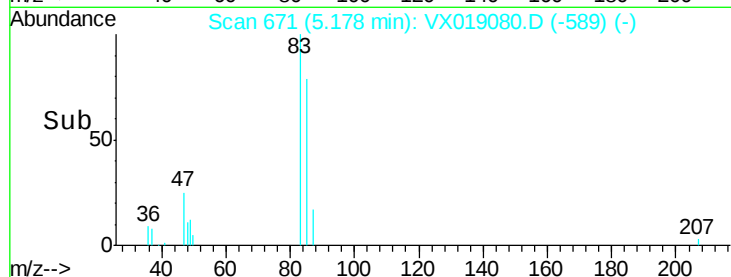
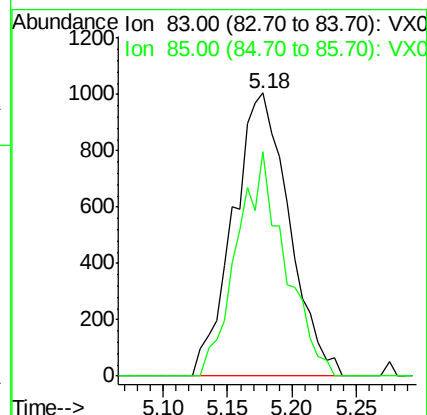
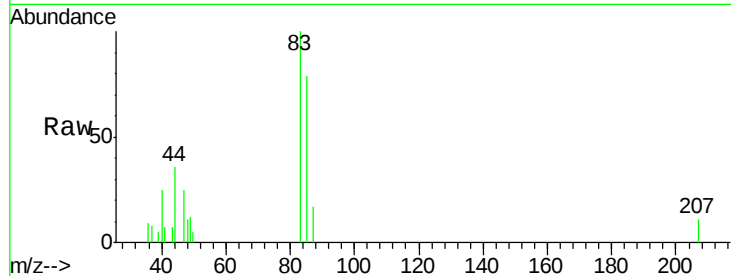
201021001-10-TRIP-BLANK

Tot Ion: 83 Resp: 3039

Ion Ratio Lower Upper

83 100

85 79.4 49.8 74.8#



#27

1,2-Dichloroethane-d4

Concen: 30.999 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019080.D

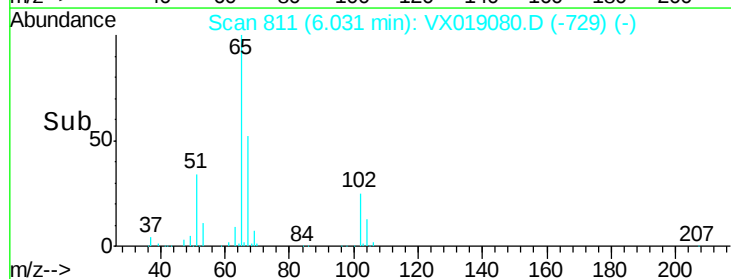
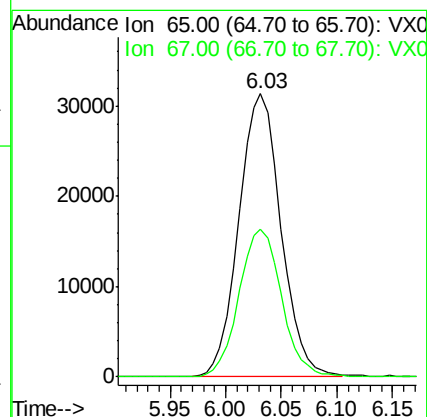
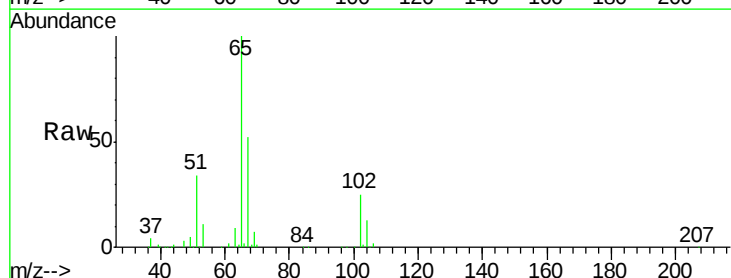
Acq: 23 Oct 2020 16:54

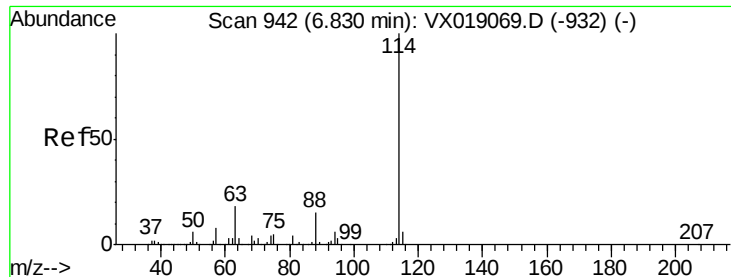
Tgt Ion: 65 Resp: 82527

Ion Ratio Lower Upper

65 100

67 52.7 42.0 63.0

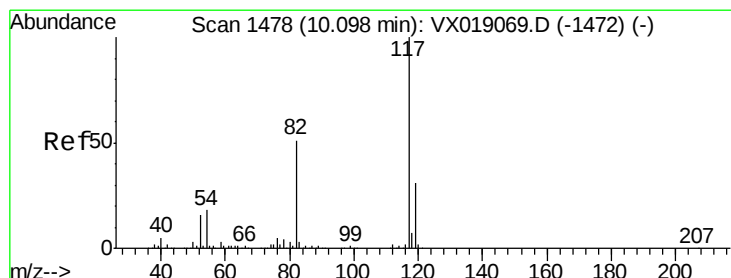
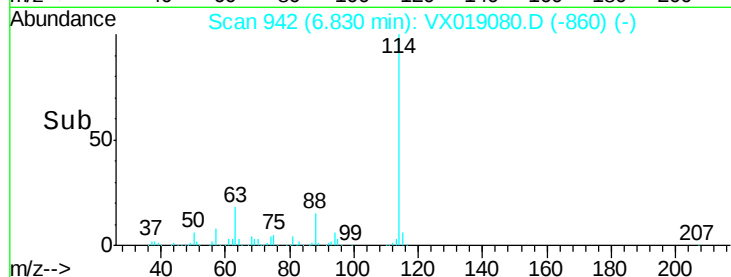
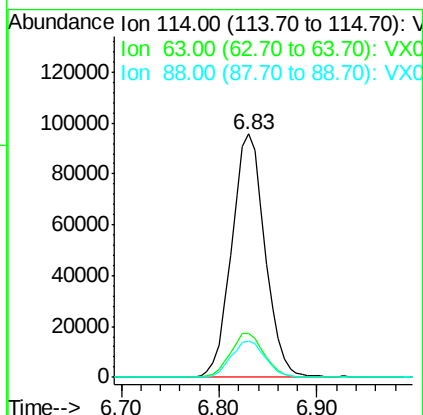
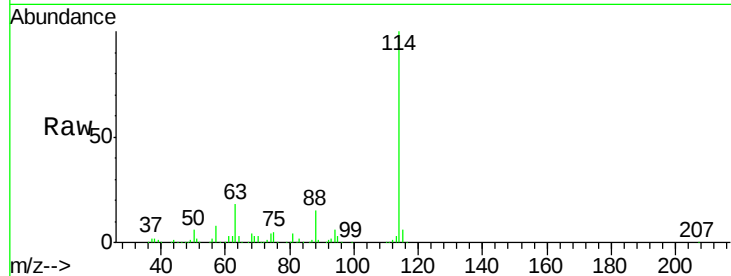




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019080.D
 Acq: 23 Oct 2020 16:54

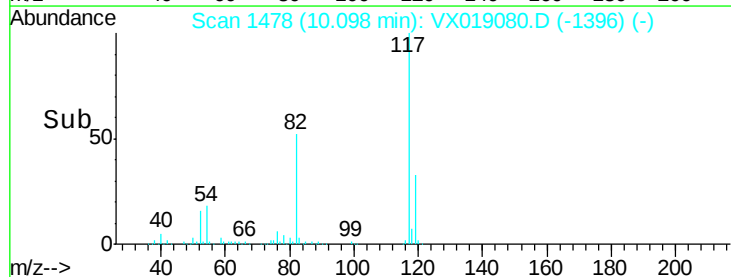
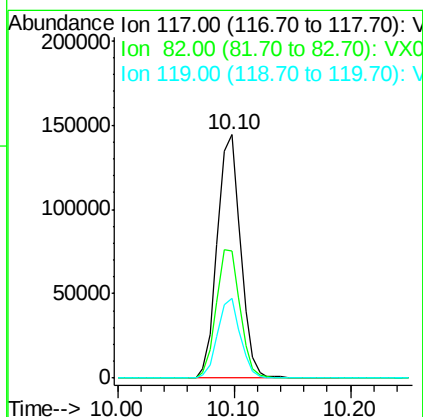
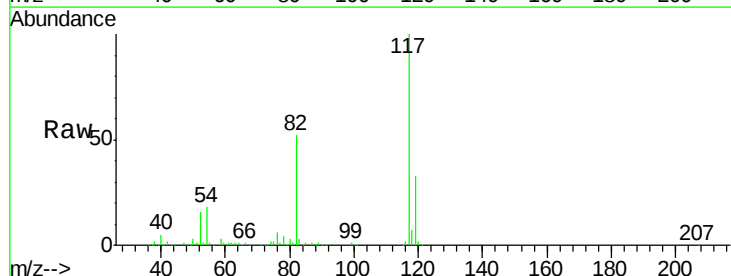
Instrument :
 MSVOA_X
 ClientSampleId :
 201021001-10-TRIP-BLANK

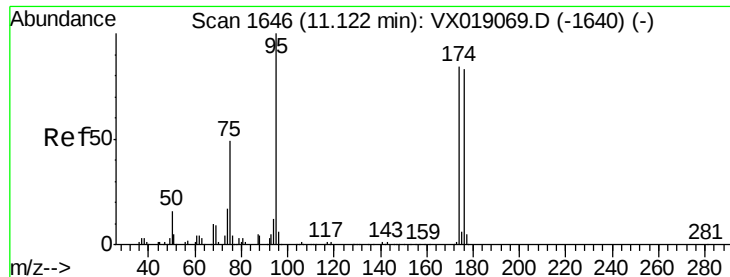
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	14.6	21.8
88	15.2	12.2	18.2



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.10 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: VX019080.D
 Acq: 23 Oct 2020 16:54

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.5	63.7
119	31.7	25.6	38.4

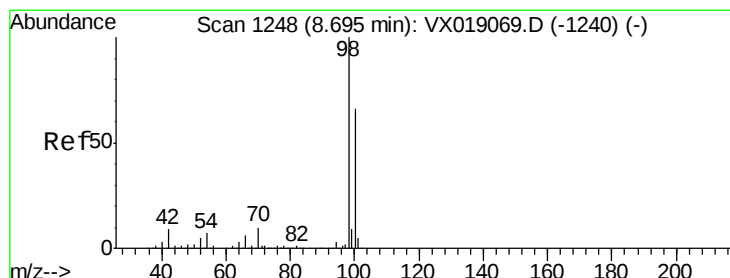
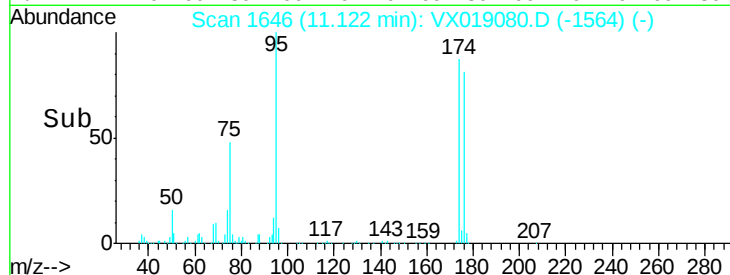
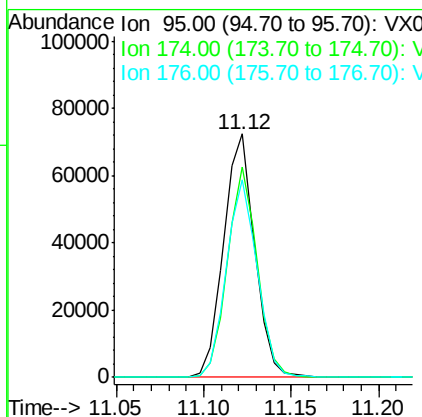
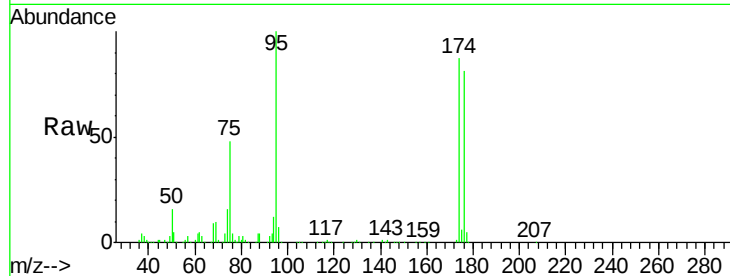




#60
 4-Bromofluorobenzene
 Concen: 29.824 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX019080.D
 Acq: 23 Oct 2020 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 201021001-10-TRIP-BLANK

Tot Ion	95	Resp	89051
Ion Ratio	Lower	Upper	
95	100		
174	83.5	66.3	99.5
176	80.6	65.5	98.3



#63
 Toluene-d8
 Concen: 30.048 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX019080.D
 Acq: 23 Oct 2020 16:54

Tgt Ion	98	Resp	263921
Ion Ratio	Lower	Upper	
98	100		
100	65.2	52.2	78.4

