

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
 Data File : VX019478.D
 Acq On : 19 Nov 2020 20:04
 Operator : JC/MD
 Sample : L4827-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 201118001-05-TRIP-BLANK

Quant Time: Nov 20 02:11:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 20 01:06:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	52280	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	285187	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	259483	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	114973	30.60	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery	=	102.00%	
60) 4-Bromofluorobenzene	11.12	95	115685	27.34	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery	=	91.13%	
63) Toluene-d8	8.70	98	341043	29.49	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery	=	98.30%	

Target Compounds

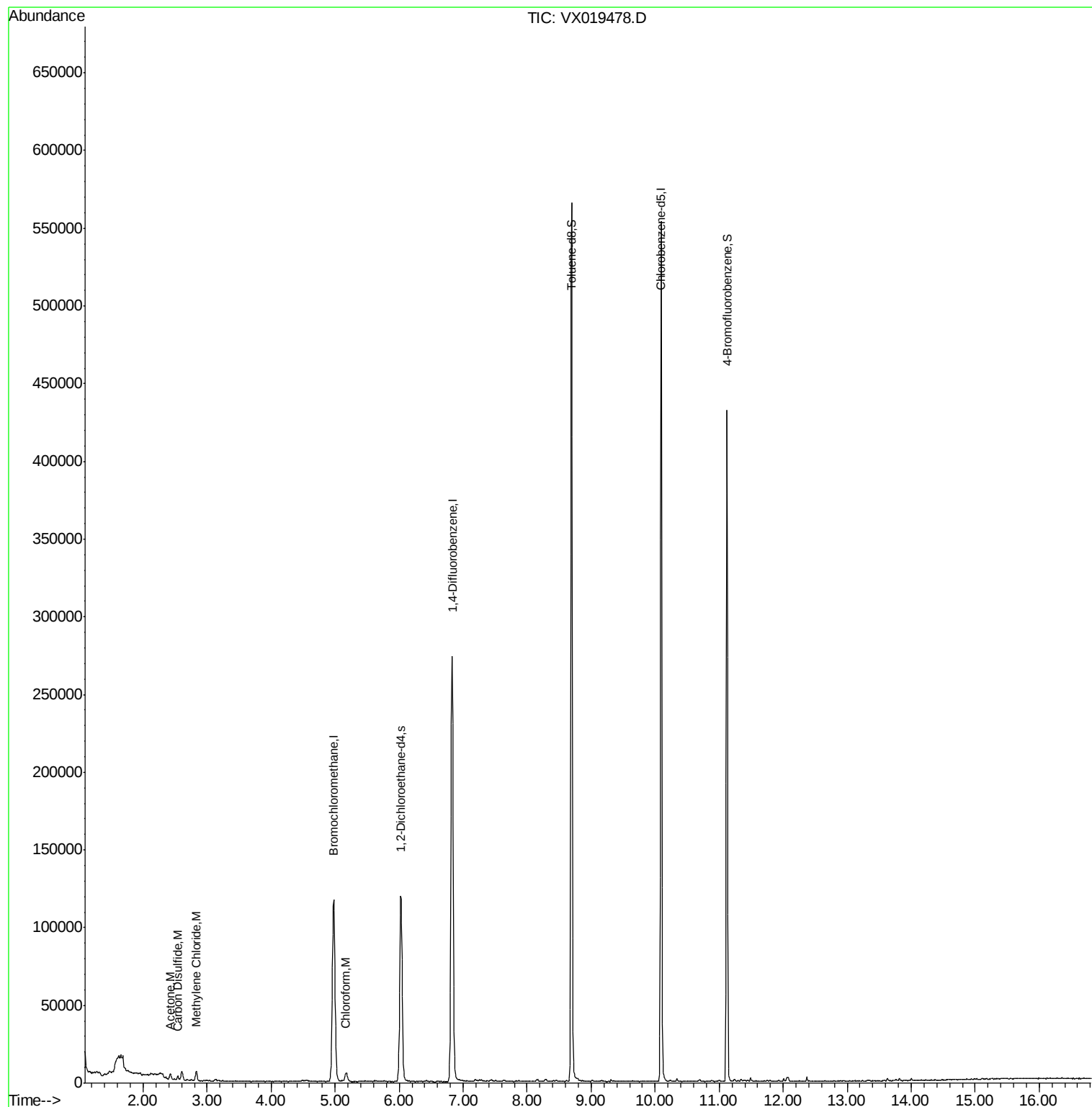
					Ovalue
15) Acetone	2.43	58	1278	2.600 ug/l #	64
16) Carbon Disulfide	2.54	76	2992	0.391 ug/l #	92
18) Methylene Chloride	2.83	84	3024	0.864 ug/l	95
25) Chloroform	5.17	83	6739	1.129 ug/l	99

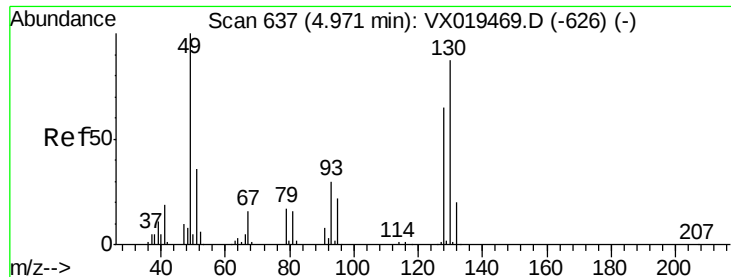
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 20 01:06:02 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.01 min

Lab File: VX019478.D

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Instrument :

MSVOA_X

ClientSampleId :

201118001-05-TRIP-BLANK

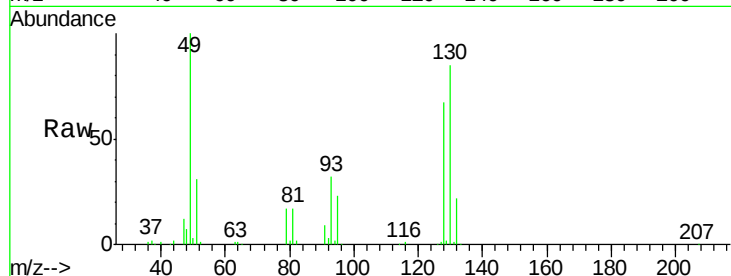
Tot Ion:128 Resp: 52280

Ion Ratio Lower Upper

128 100

49 146.9 0.0 377.8

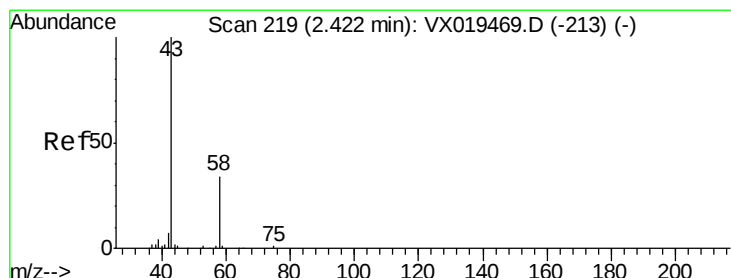
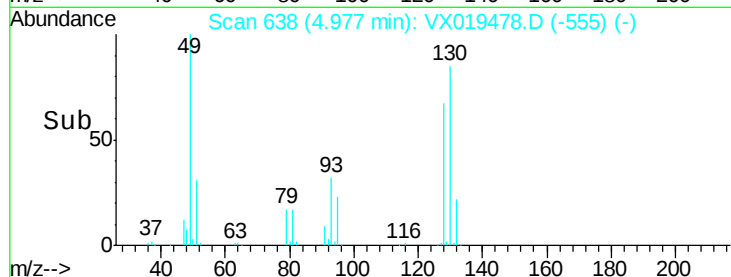
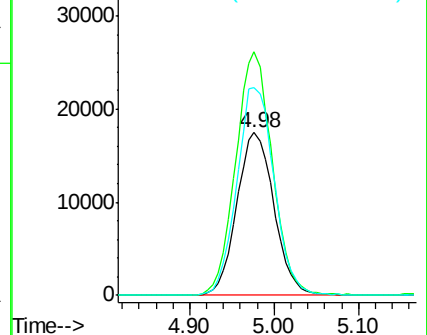
130 128.0 0.0 324.0



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



#15

Acetone

Concen: 2.600 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX019478.D

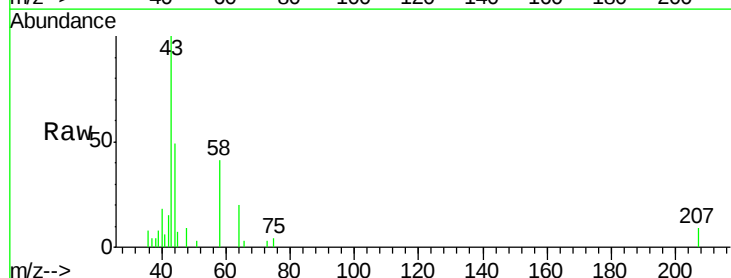
Acq: 19 Nov 2020 20:04

Tgt Ion: 58 Resp: 1278

Ion Ratio Lower Upper

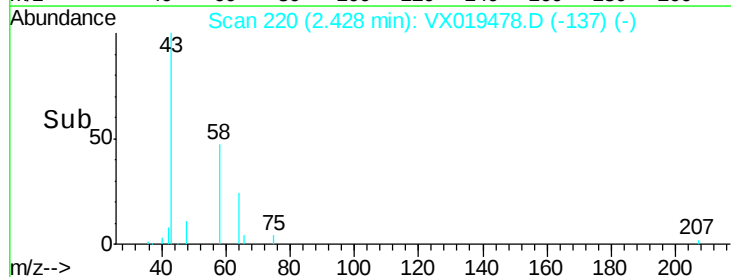
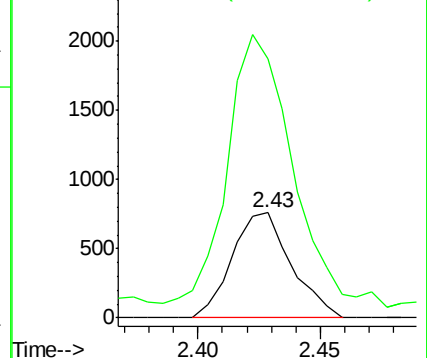
58 100

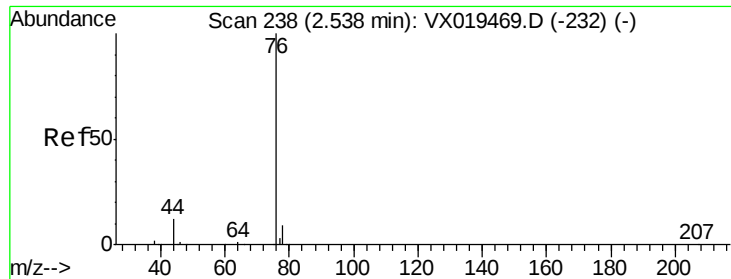
43 224.9 236.3 354.5#



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#16

Carbon Disulfide

Concen: 0.391 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VX019478.D

Acq: 19 Nov 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

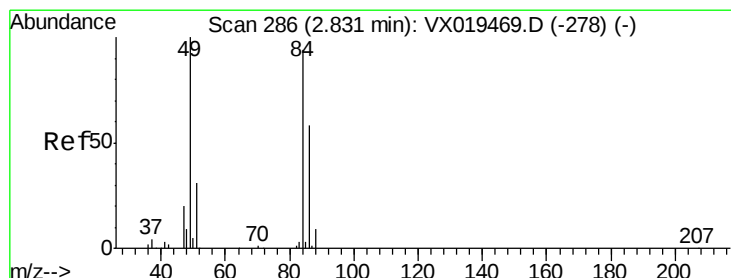
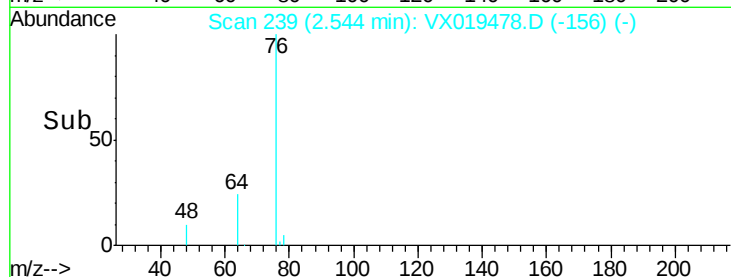
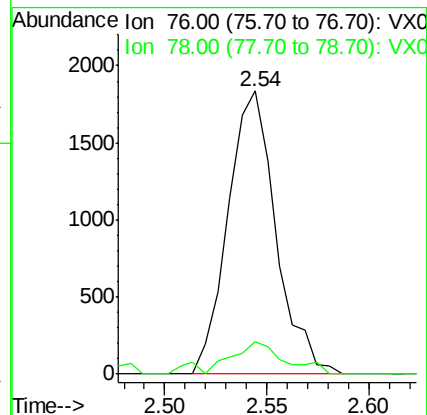
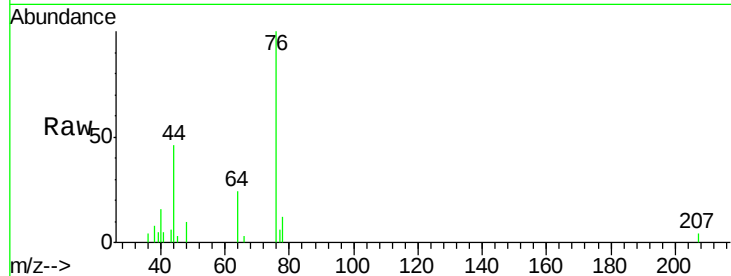
201118001-05-TRIP-BLANK

Tot Ion: 76 Resp: 2992

Ion Ratio Lower Upper

76 100

78 11.7 7.0 10.6#



#18

Methylene Chloride

Concen: 0.864 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX019478.D

Acq: 19 Nov 2020 20:04

Tgt Ion: 84 Resp: 3024

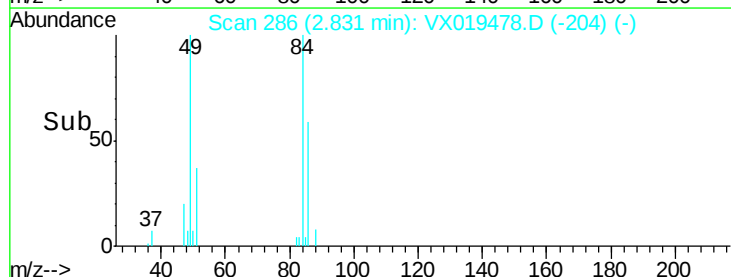
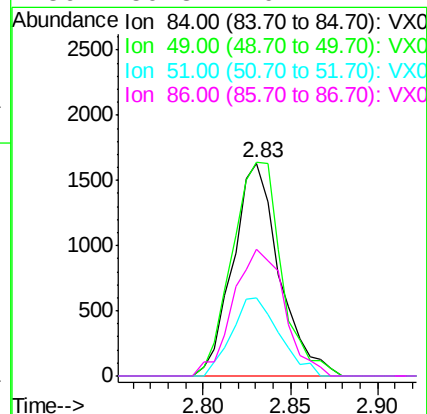
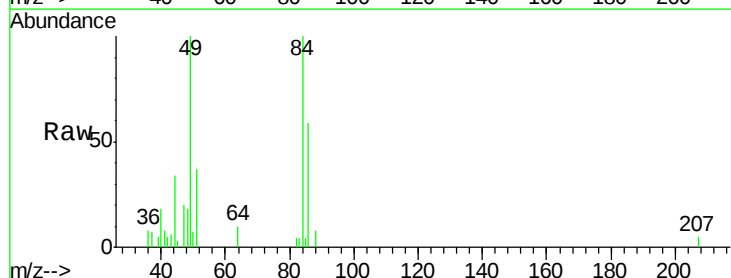
Ion Ratio Lower Upper

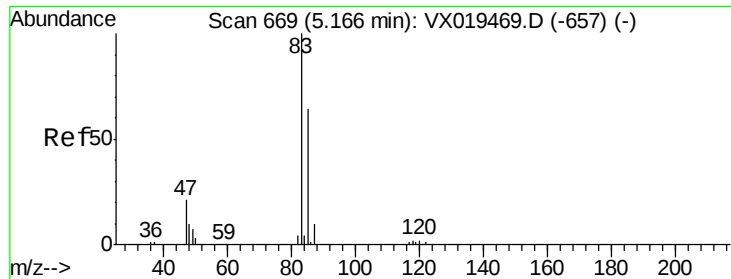
84 100

49 100.3 85.4 128.0

51 36.8 26.7 40.1

86 59.3 49.4 74.2





#25

Chloroform

Concen: 1.129 ug/l

RT: 5.17 min Scan# 669

Delta R.T. -0.00 min

Lab File: VX019478.D

Acq: 19 Nov 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

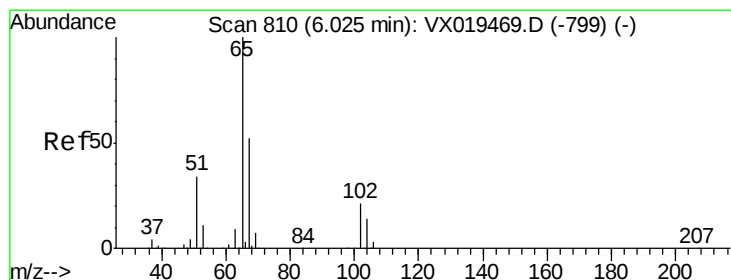
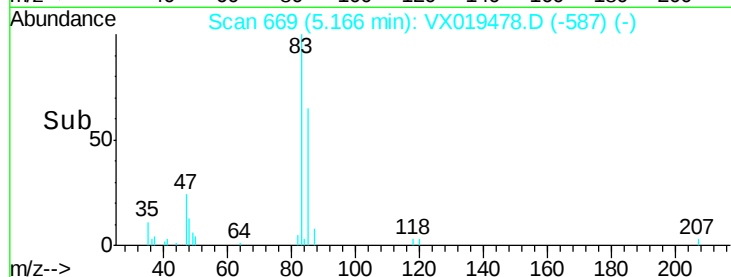
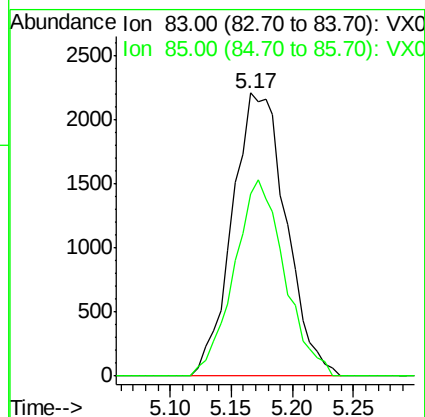
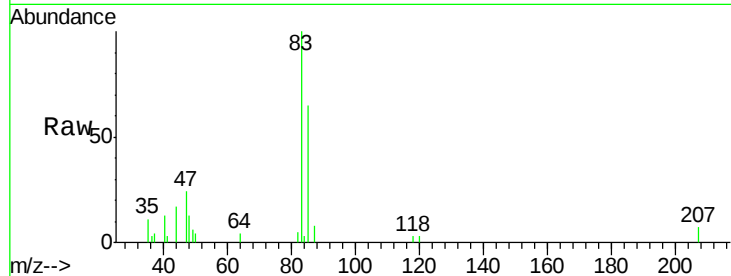
201118001-05-TRIP-BLANK

Tot Ion: 83 Resp: 6739

Ion Ratio Lower Upper

83 100

85 64.6 51.4 77.0



#27

1,2-Dichloroethane-d4

Concen: 30.599 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019478.D

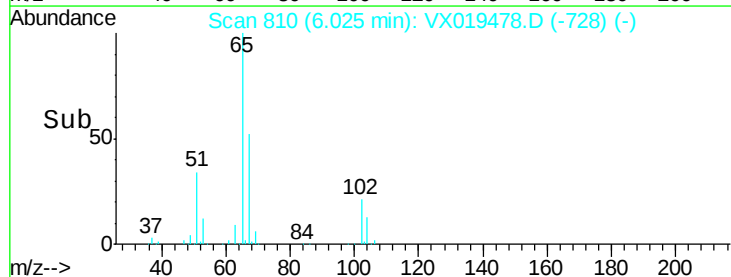
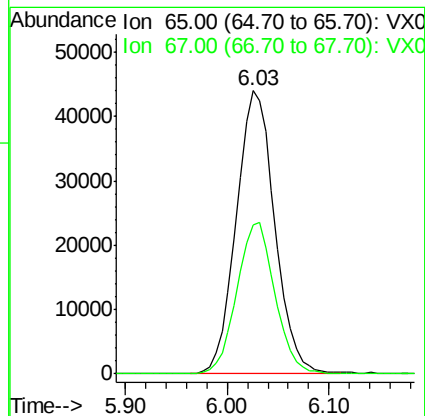
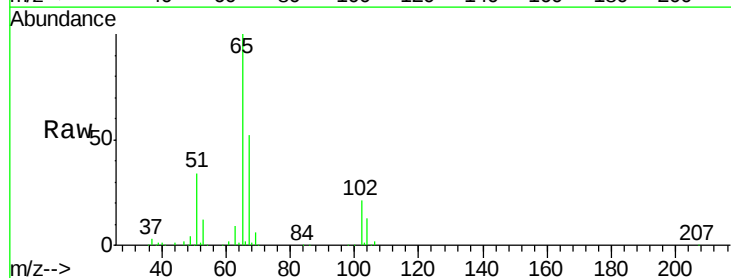
Acq: 19 Nov 2020 20:04

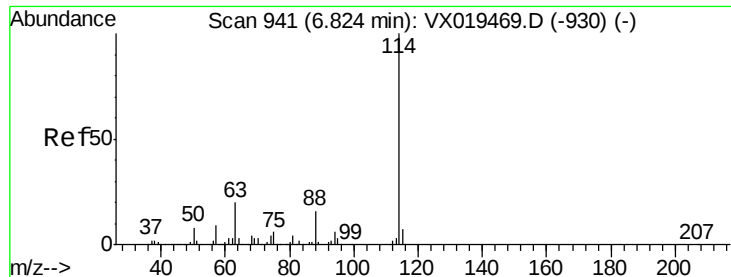
Tgt Ion: 65 Resp: 114973

Ion Ratio Lower Upper

65 100

67 52.9 42.2 63.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019478.D

Acq: 19 Nov 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

201118001-05-TRIP-BLANK

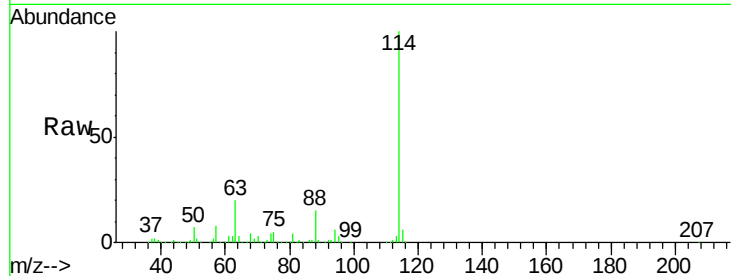
Tot Ion:114 Resp: 285187

Ion Ratio Lower Upper

114 100

63 20.2 16.2 24.2

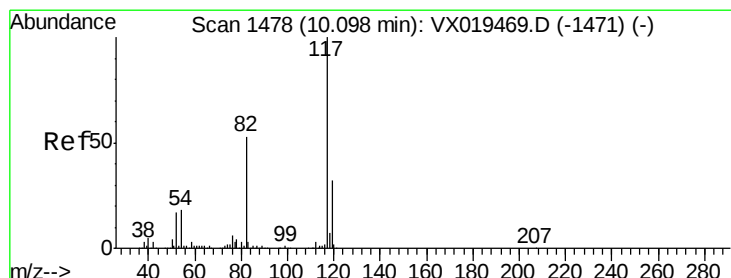
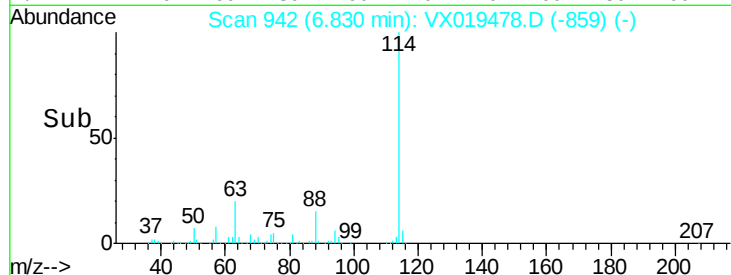
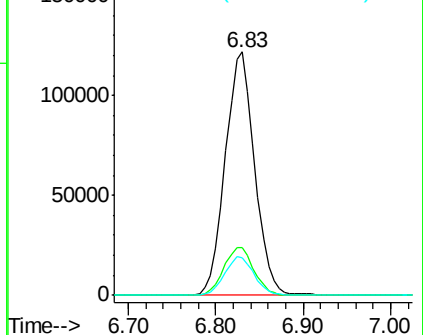
88 15.9 12.9 19.3



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019478.D

Acq: 19 Nov 2020 20:04

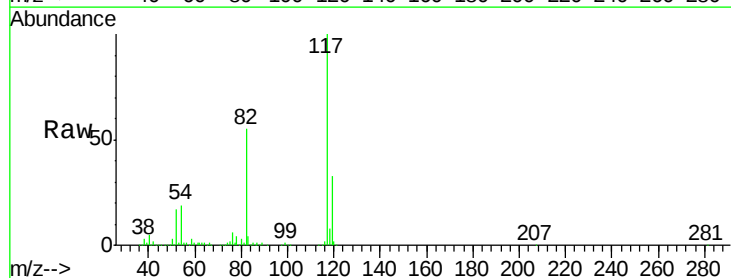
Tgt Ion:117 Resp: 259483

Ion Ratio Lower Upper

117 100

82 56.4 44.5 66.7

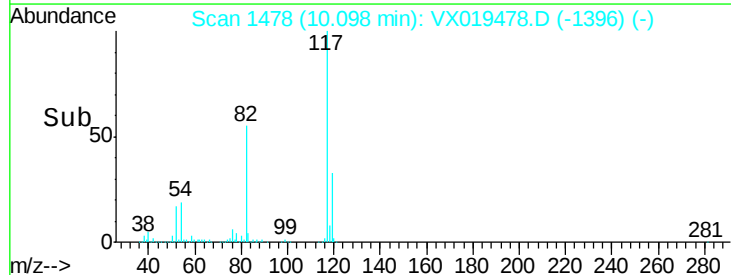
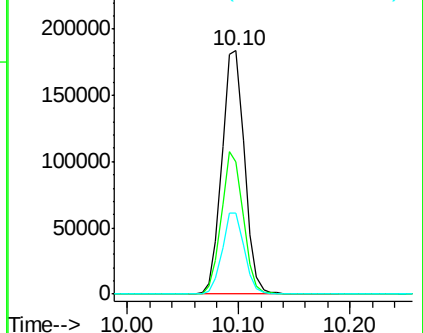
119 32.7 25.9 38.9

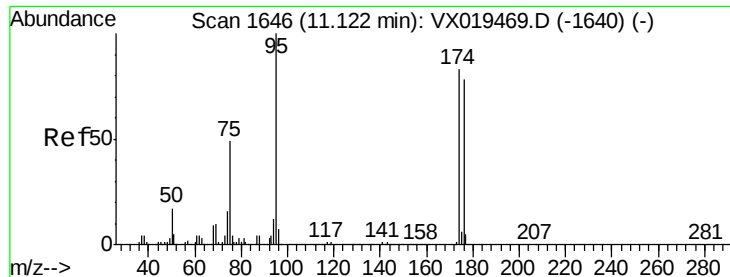


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

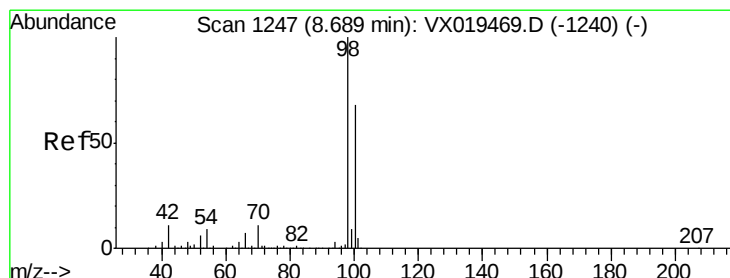
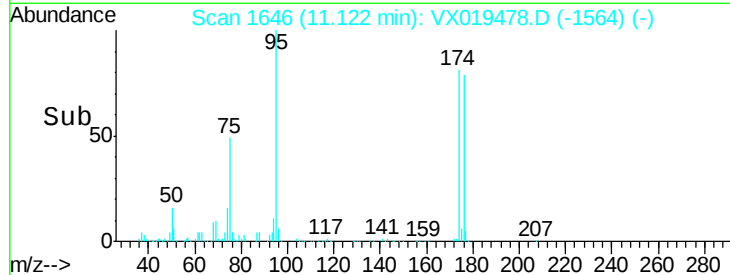
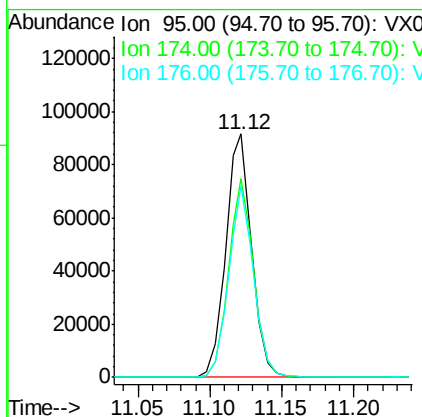
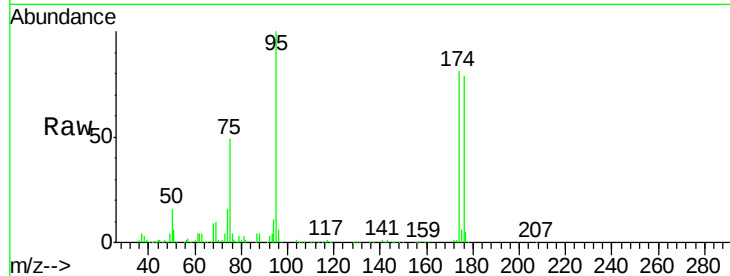




#60
 4-Bromofluorobenzene
 Concen: 27.337 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019478.D
 Acq: 19 Nov 2020 20:04

Instrument :
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 201118001-05-TRIP-BLANK

Tot Ion	95	Resp	115685
Ion Ratio	Lower	Upper	
95	100		
174	78.5	63.5	95.3
176	75.6	59.8	89.6



#63
 Toluene-d8
 Concen: 29.486 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.01 min
 Lab File: VX019478.D
 Acq: 19 Nov 2020 20:04

Tgt Ion	98	Resp	341043
Ion Ratio	Lower	Upper	
98	100		
100	66.2	53.6	80.4

