

Data File : VX019286.D
Acq On : 04 Nov 2020 21:56
Operator : JC/MD
Sample : L4616-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FA20-CHY02

Quant Time: Nov 05 03:11:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	276023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	488055	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	466324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	233115	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	196307	55.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.30%	
35) Dibromofluoromethane	5.46	113	154220	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
50) Toluene-d8	8.70	98	608305	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
62) 4-Bromofluorobenzene	11.12	95	233823	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	

Target Compounds

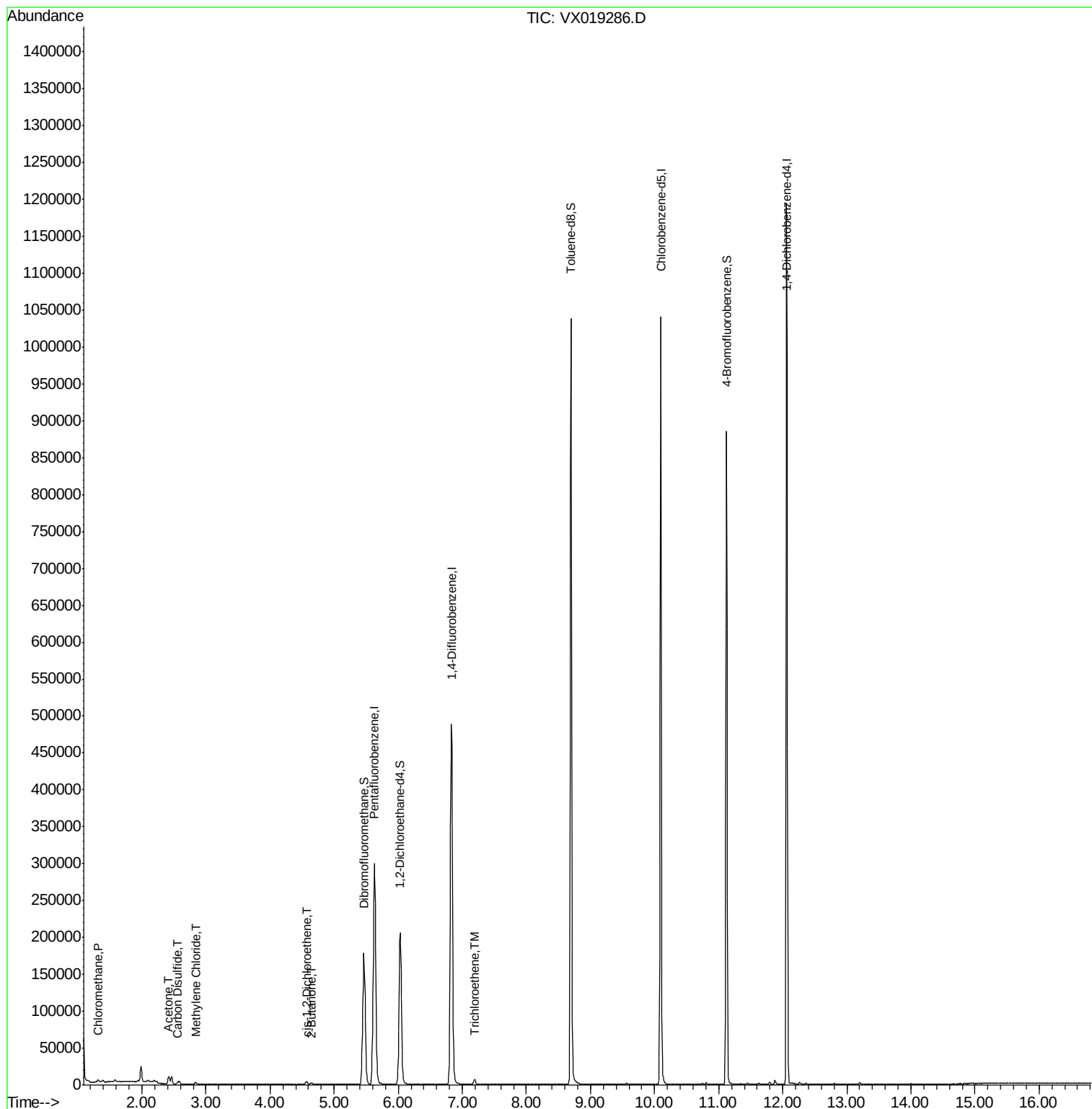
						Qvalue
3) Chloromethane	1.31	50	1341	0.522	ug/l	98
16) Acetone	2.42	43	11416	9.296	ug/l	94
17) Carbon Disulfide	2.55	76	2317	1.059	ug/l	98
20) Methylene Chloride	2.83	84	1147	0.372	ug/l #	91
25) 2-Butanone	4.65	43	3954	2.043	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	2295	0.667	ug/l	97
44) Trichloroethene	7.19	130	2440	0.667	ug/l	96

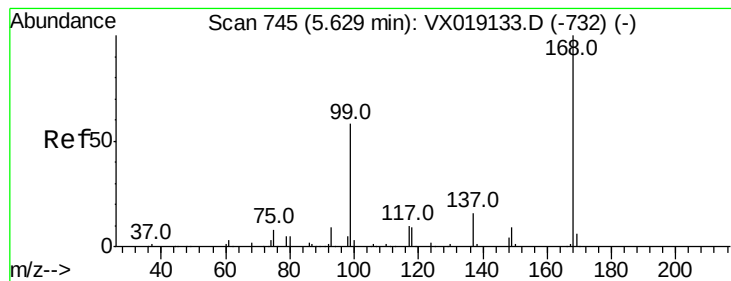
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019286.D

Acq: 04 Nov 2020 21:56

Instrument :

MSVOA_X

ClientSampled :

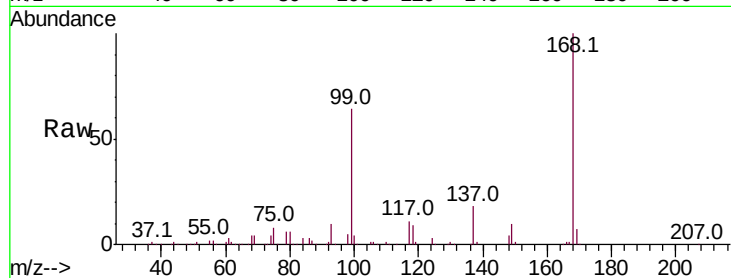
FA20-CHY02

Tgt Ion:168 Resp: 276023

Ion Ratio Lower Upper

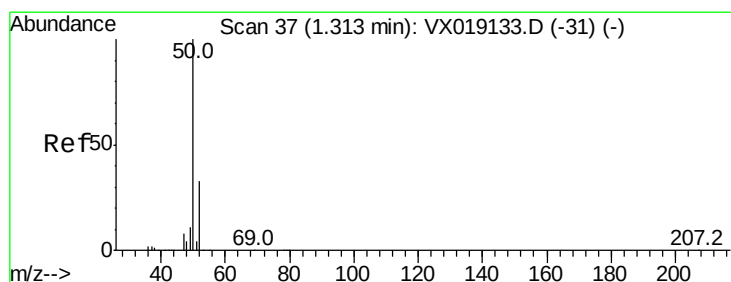
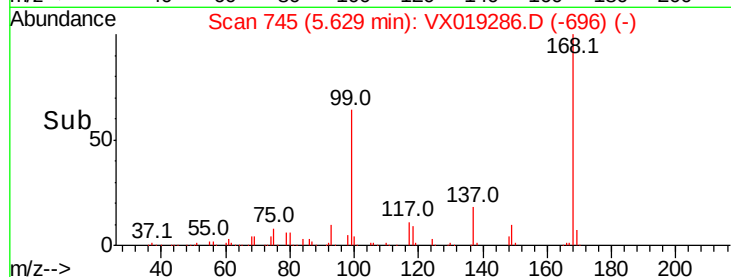
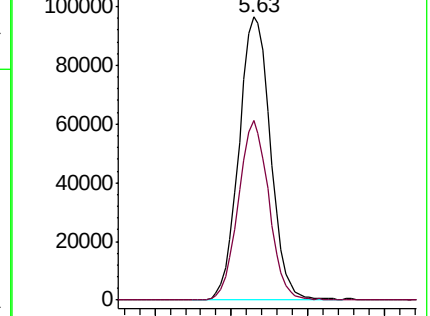
168 100

99 63.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.522 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019286.D

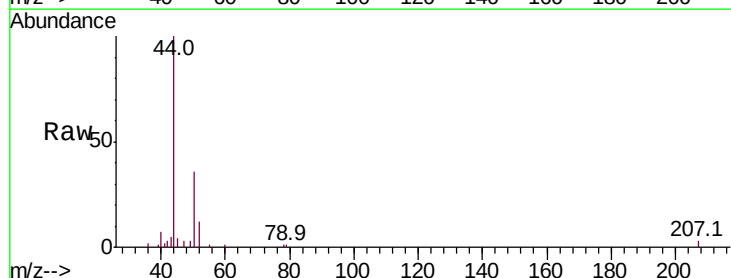
Acq: 04 Nov 2020 21:56

Tgt Ion: 50 Resp: 1341

Ion Ratio Lower Upper

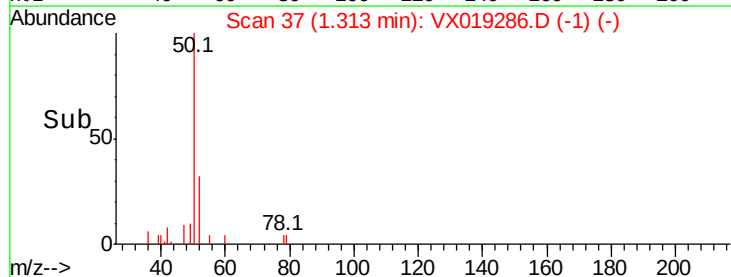
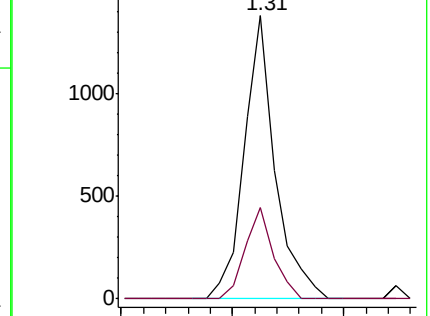
50 100

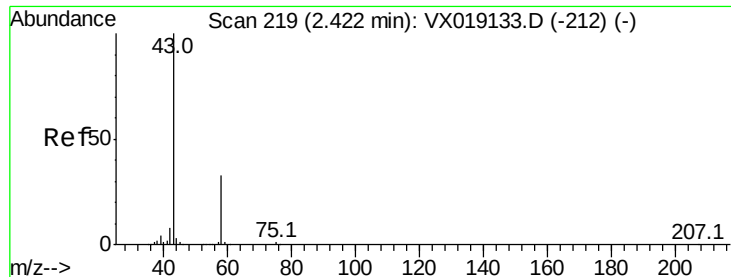
52 32.3 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 9.296 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019286.D

Acq: 04 Nov 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

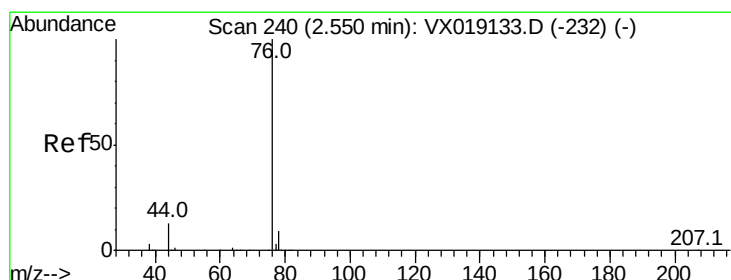
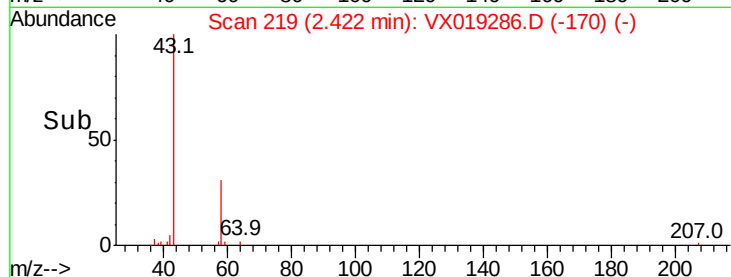
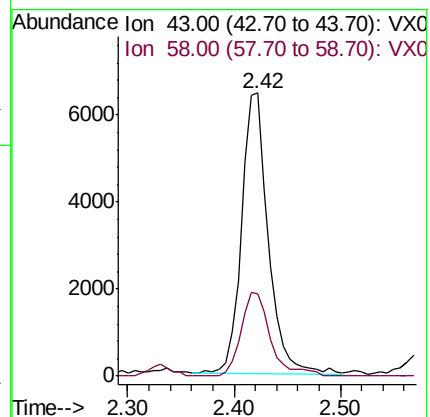
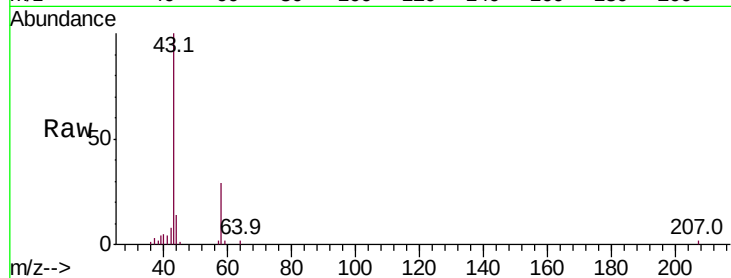
FA20-CHY02

Tgt Ion: 43 Resp: 11416

Ion Ratio Lower Upper

43 100

58 29.6 26.3 39.5



#17

Carbon Disulfide

Concen: 1.059 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019286.D

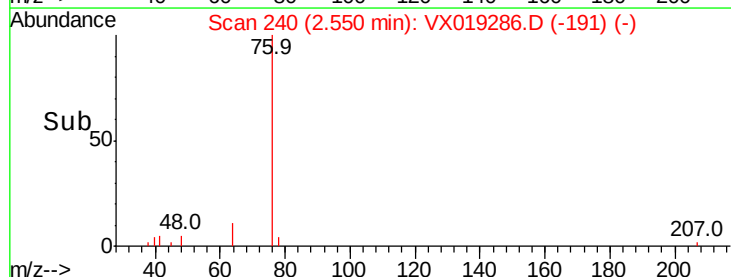
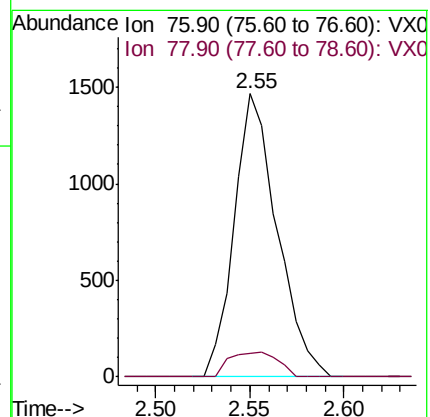
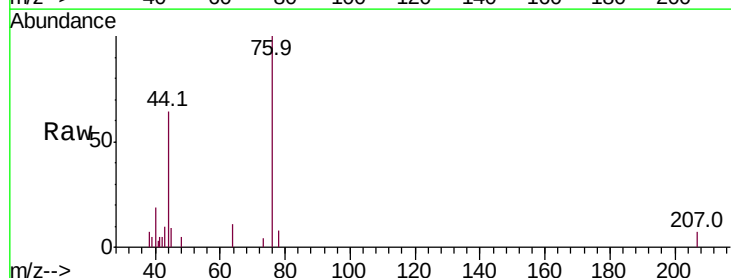
Acq: 04 Nov 2020 21:56

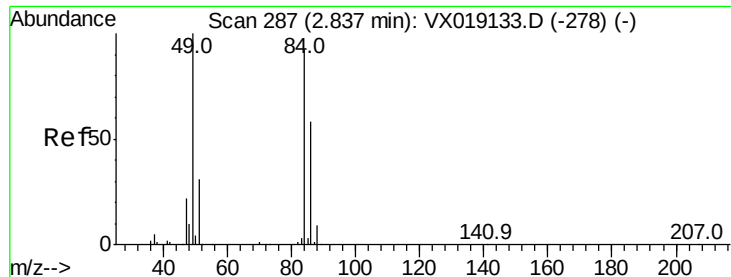
Tgt Ion: 76 Resp: 2317

Ion Ratio Lower Upper

76 100

78 8.3 7.3 10.9

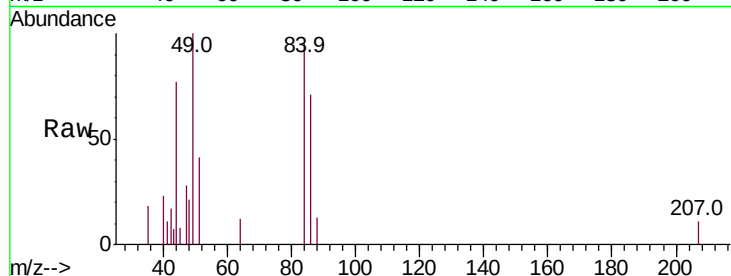




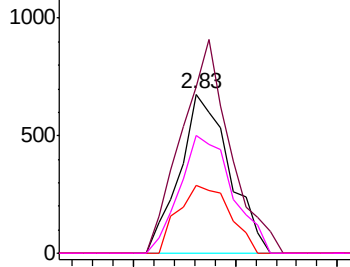
#20
Methylene Chloride
Concen: 0.372 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019286.D
Acq: 04 Nov 2020 21:56

Instrument :
MSVOA_X
ClientSampled :
FA20-CHY02

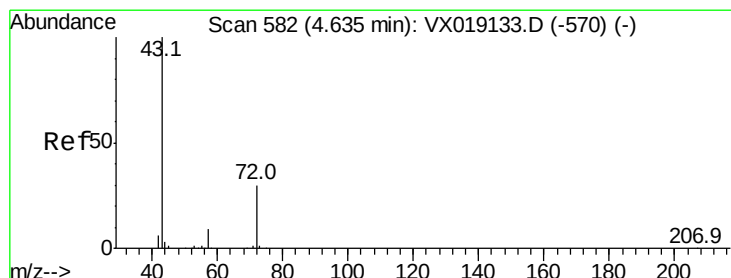
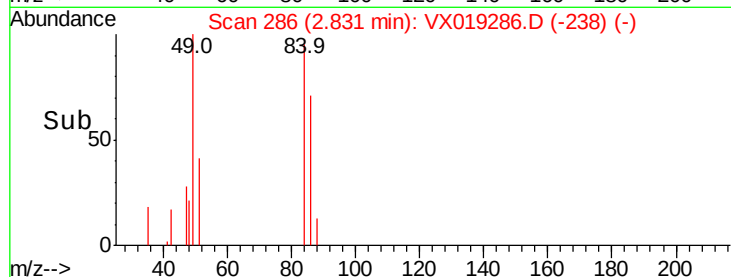
Tgt Ion:	84	Resp:	1147
Ion	Ratio	Lower	Upper
84	100		
49	104.7	86.8	130.2
51	42.9	27.3	40.9#
86	74.1	50.6	76.0



Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

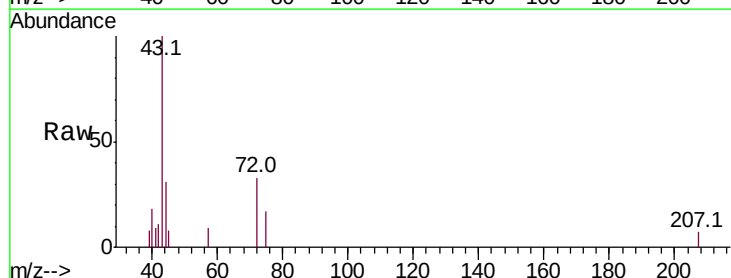


Time-->

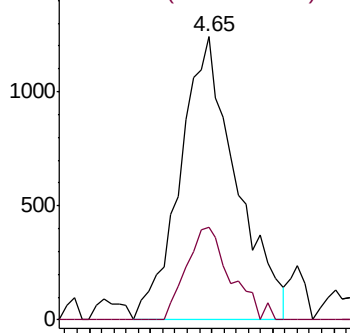


#25
2-Butanone
Concen: 2.043 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX019286.D
Acq: 04 Nov 2020 21:56

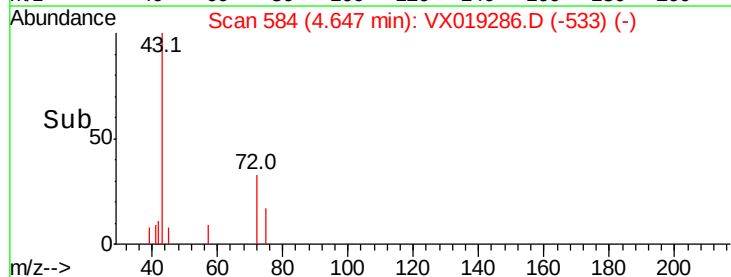
Tgt Ion:	43	Resp:	3954
Ion	Ratio	Lower	Upper
43	100		
72	32.7	24.6	36.8

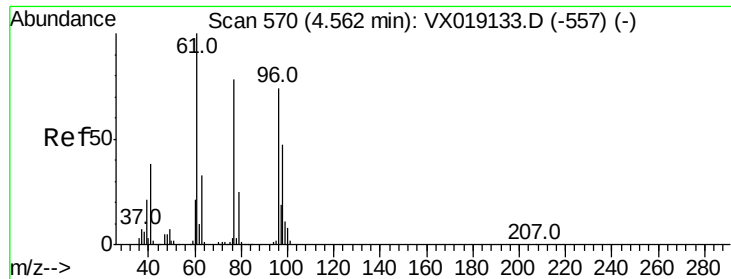


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



Time-->



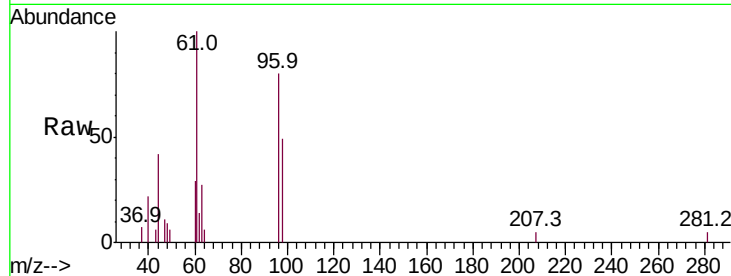


#27

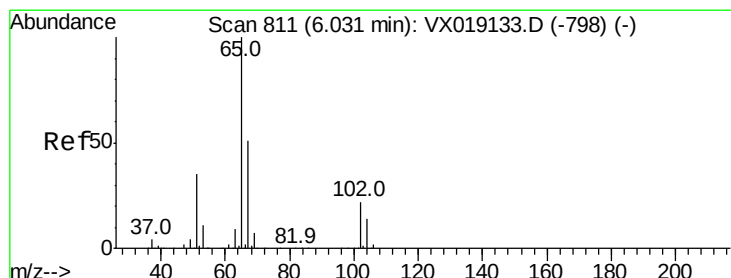
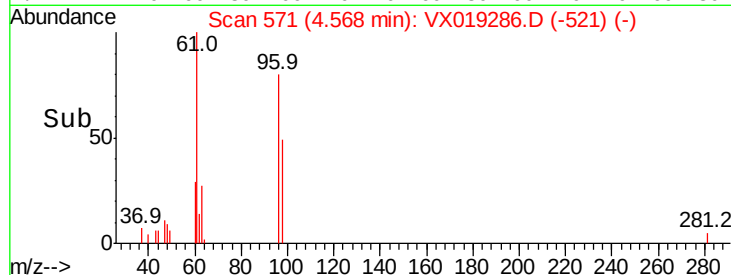
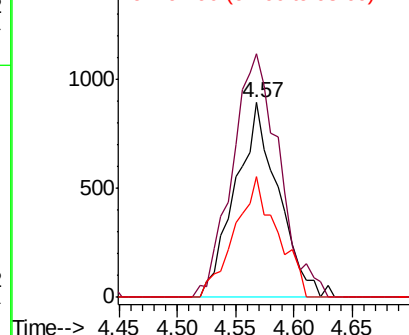
cis-1,2-Dichloroethene
 Concen: 0.667 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX019286.D
 Acq: 04 Nov 2020 21:56

Instrument :
 MSVOA_X
 ClientSampleId :
 FA20-CHY02

Tgt Ion: 96 Resp: 2295
 Ion Ratio Lower Upper
 96 100
 61 136.5 0.0 278.8
 98 60.8 0.0 130.2



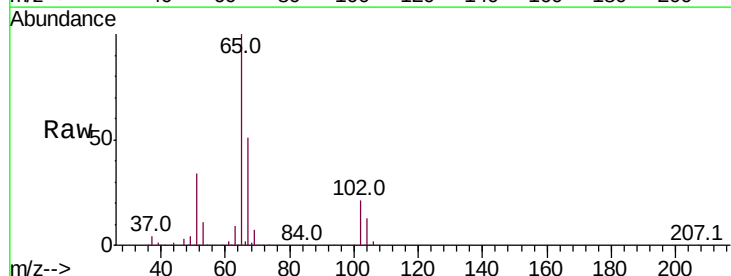
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



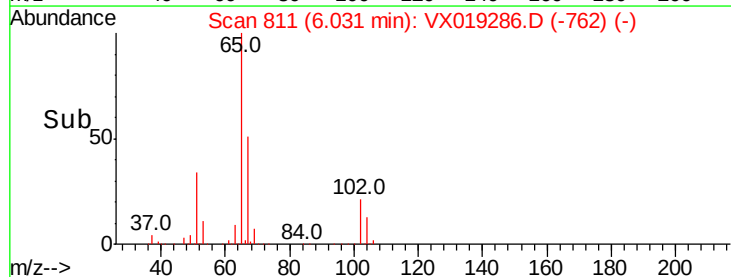
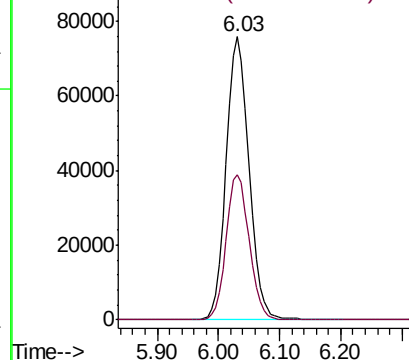
#33

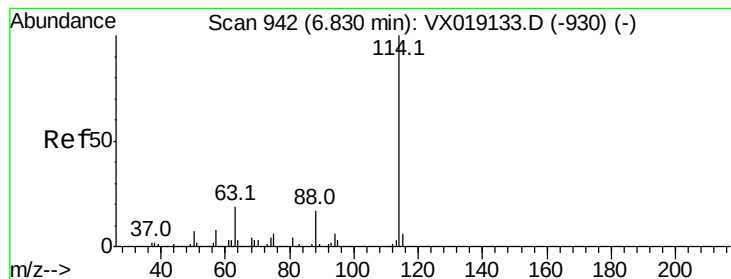
1,2-Dichloroethane-d4
 Concen: 55.148 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019286.D
 Acq: 04 Nov 2020 21:56

Tgt Ion: 65 Resp: 196307
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019286.D

Acq: 04 Nov 2020 21:56

Instrument :

MSVOA_X

ClientSampled :

FA20-CHY02

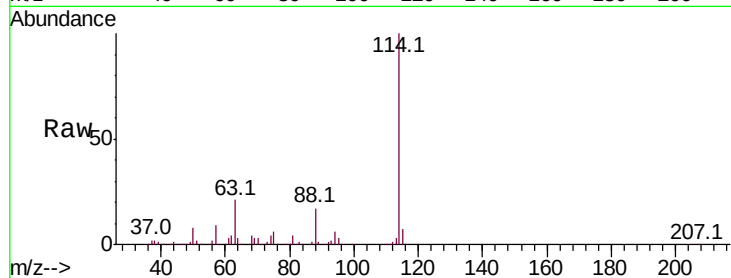
Tgt Ion:114 Resp: 488055

Ion Ratio Lower Upper

114 100

63 21.5 0.0 38.8

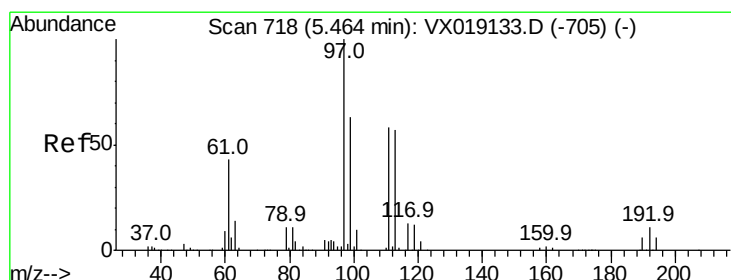
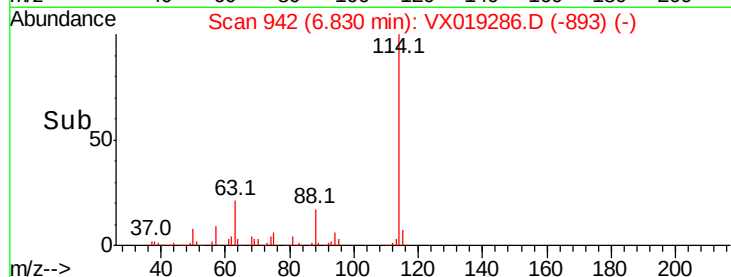
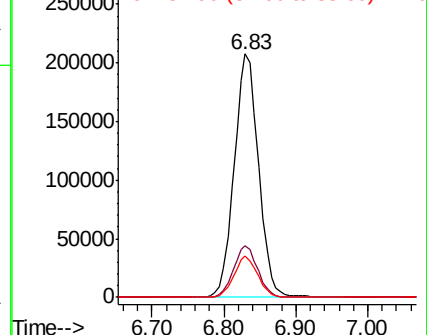
88 17.0 0.0 34.2



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



#35

Dibromofluoromethane

Concen: 50.306 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019286.D

Acq: 04 Nov 2020 21:56

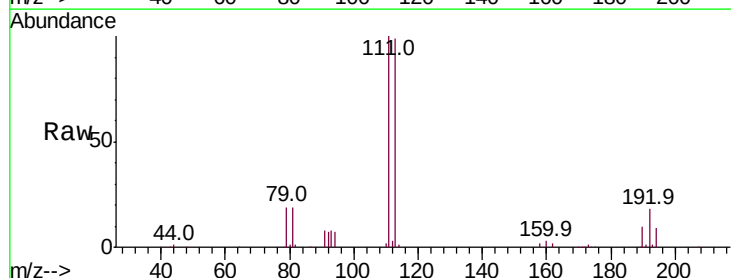
Tgt Ion:113 Resp: 154220

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

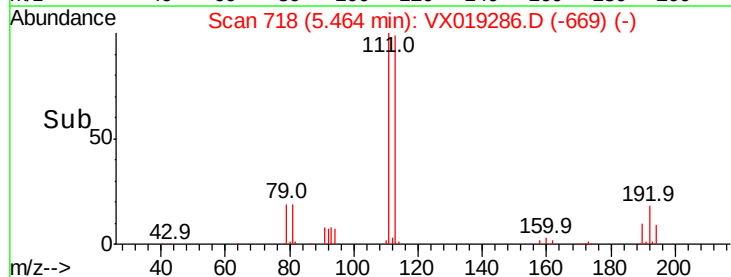
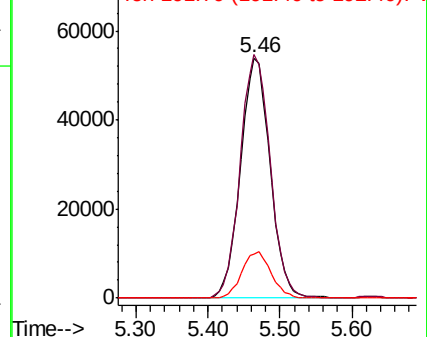
192 19.1 16.2 24.2

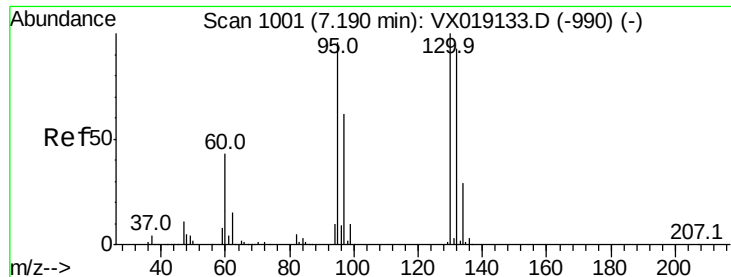


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.667 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX019286.D

Acq: 04 Nov 2020 21:56

Instrument :

MSVOA_X

ClientSampled :

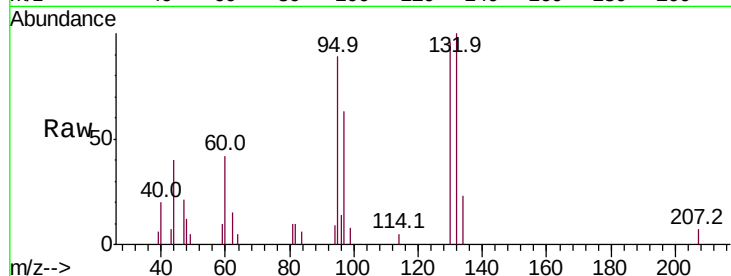
FA20-CHY02

Tgt Ion:130 Resp: 2440

Ion Ratio Lower Upper

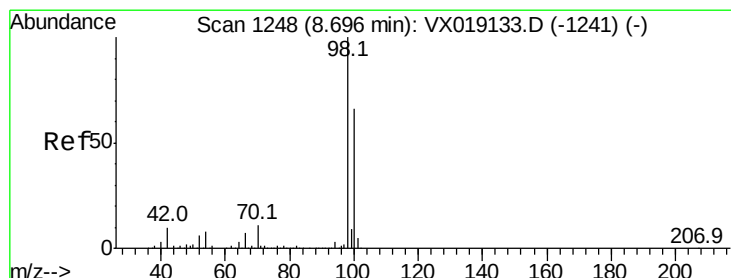
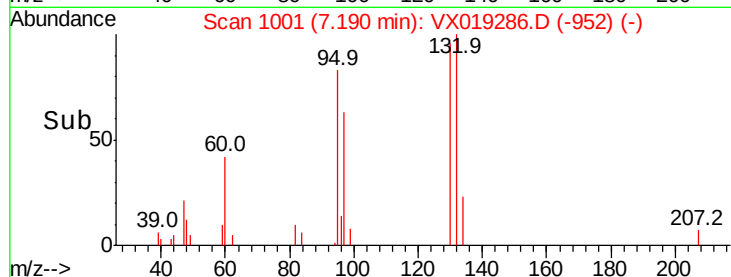
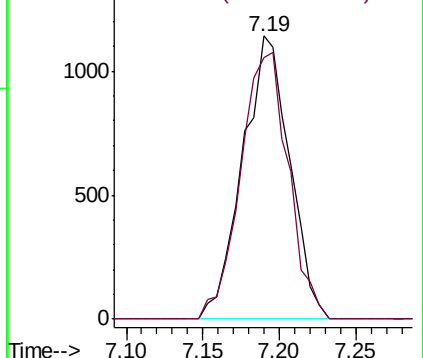
130 100

95 92.3 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 52.638 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019286.D

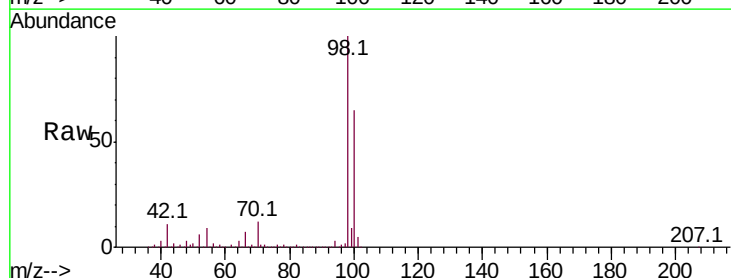
Acq: 04 Nov 2020 21:56

Tgt Ion: 98 Resp: 608305

Ion Ratio Lower Upper

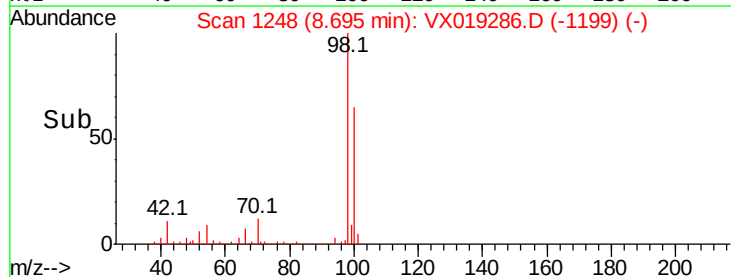
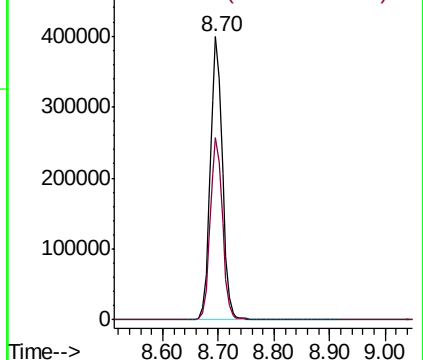
98 100

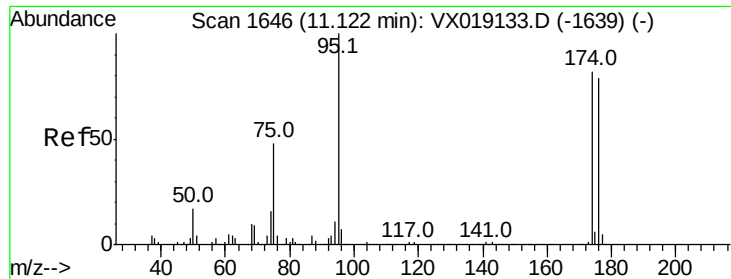
100 65.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

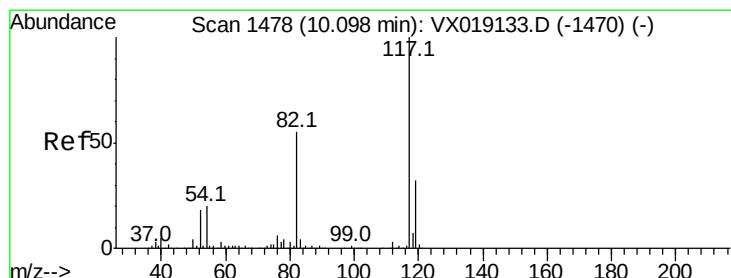
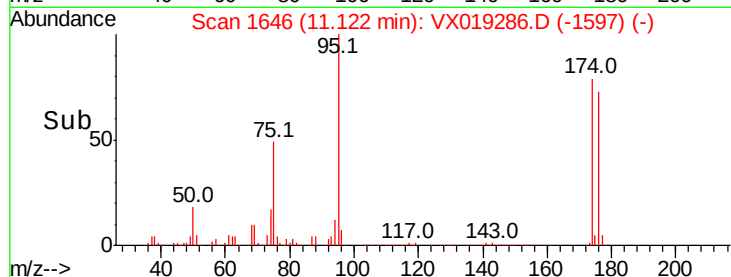
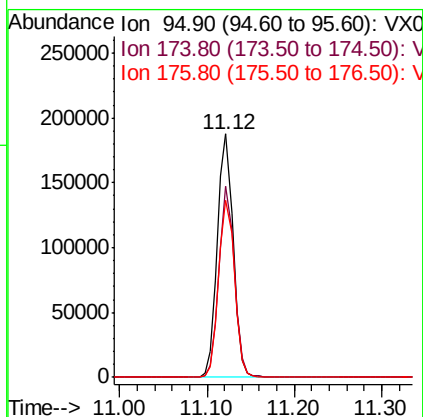
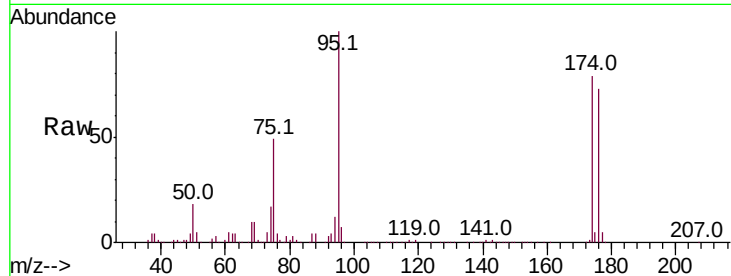




#62
4-Bromofluorobenzene
Concen: 53.427 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019286.D
Acq: 04 Nov 2020 21:56

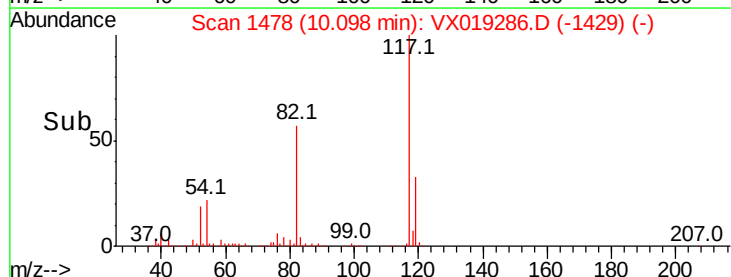
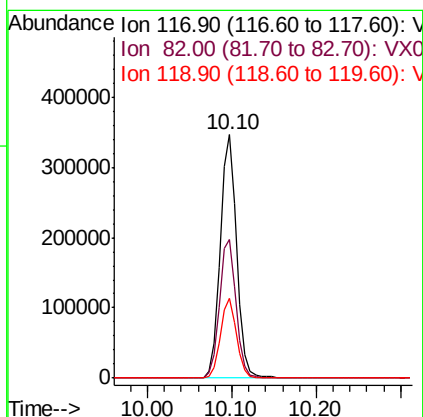
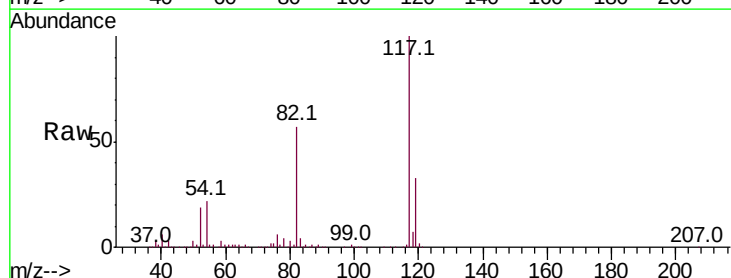
Instrument :
MSVOA_X
ClientSampled :
FA20-CHY02

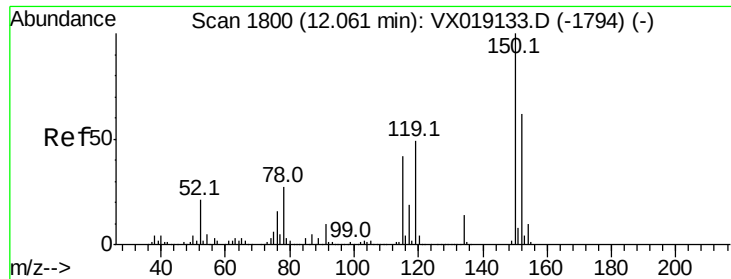
Tgt Ion: 95 Resp: 233823
Ion Ratio Lower Upper
95 100
174 75.9 0.0 156.0
176 73.2 0.0 149.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019286.D
Acq: 04 Nov 2020 21:56

Tgt Ion: 117 Resp: 466324
Ion Ratio Lower Upper
117 100
82 57.1 43.6 65.4
119 32.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019286.D

Acq: 04 Nov 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

FA20-CHY02

Tgt Ion:152 Resp: 233115

Ion Ratio Lower Upper

152 100

115 62.1 41.9 125.7

150 158.6 0.0 347.8

