

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
 Data File : VX019344.D
 Acq On : 06 Nov 2020 16:06
 Operator : JC/MD
 Sample : L4662-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB178-GW-358-360

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 9:37:01 AM

Quant Time: Nov 18 11:32:22 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	303061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	533318	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	498681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	246352	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	212548	54.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.76%	
35) Dibromofluoromethane	5.46	113	164481	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
50) Toluene-d8	8.70	98	649068	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.12	95	249701	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
Target Compounds						
16) Acetone	2.42	43	5889	4.368	ug/l	96
19) Methyl tert-butyl Ether	3.16	73	4994	0.491	ug/l	98
24) 1,1-Dichloroethane	3.67	63	2118	0.382	ug/l #	91
27) cis-1,2-Dichloroethene	4.56	96	960	0.254	ug/l	78
44) Trichloroethene	7.19	130	44139	11.038	ug/l	98
45) 1,2-Dichloropropane	7.49	63	6429	1.880	ug/l	98
64) Tetrachloroethene	9.32	164	4232	1.114	ug/l	96
76) 1,2,3-Trichloropropane	11.27	75	1687m	0.332	ug/l	

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

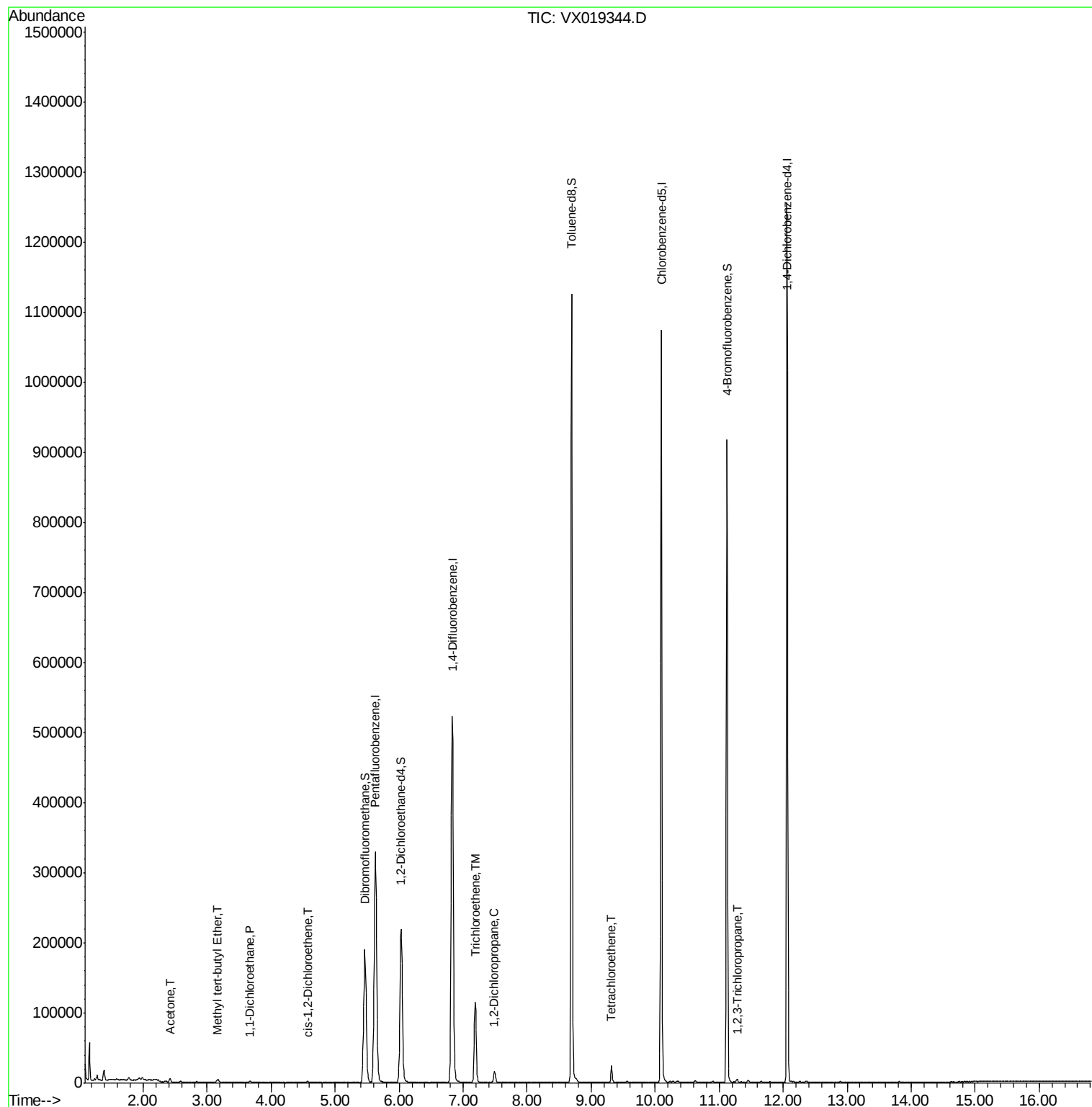
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110720\
Data File : VX019344.D
Acq On : 06 Nov 2020 16:06
Operator : JC/MD
Sample : L4662-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

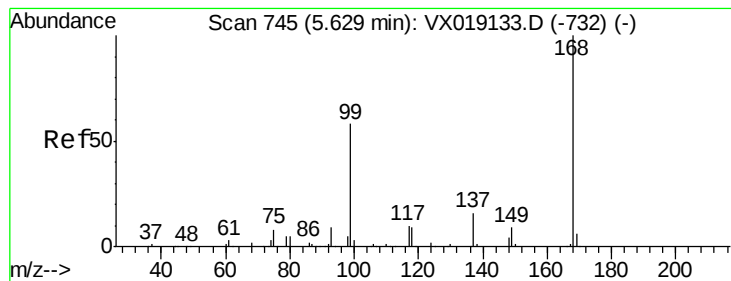
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB178-GW-358-360

Manual Integrations
APPROVED

MMDadoda
11/9/2020 9:37:01 AM

Quant Time: Nov 18 11:32:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 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: VX019344.D

Acq: 06 Nov 2020 16:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB178-GW-358-360

Tot Ion:168 Resp: 303061

Ion Ratio Lower Upper

168 100

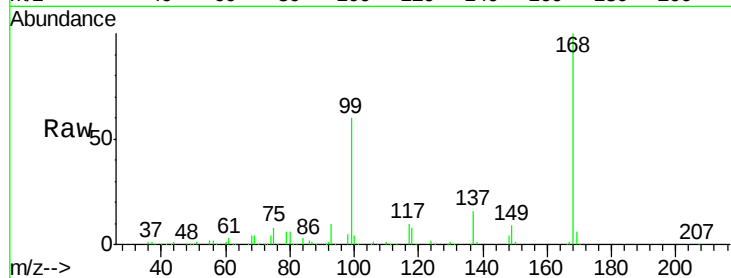
99 60.3 46.6 69.8

Manual Integrations

APPROVED

MMDadoda

11/9/2020 9:37:01 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

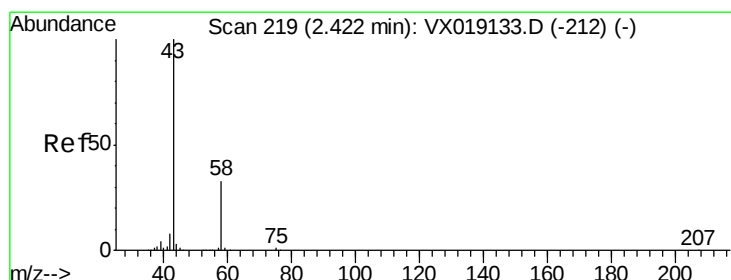
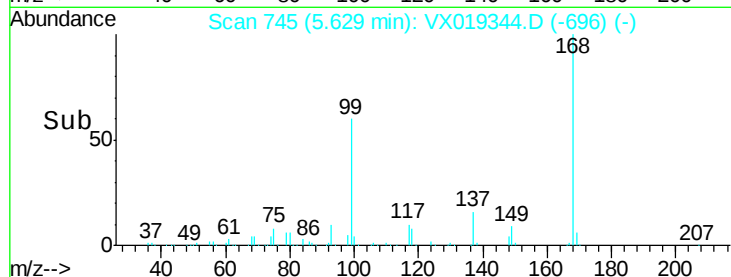
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 4.368 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019344.D

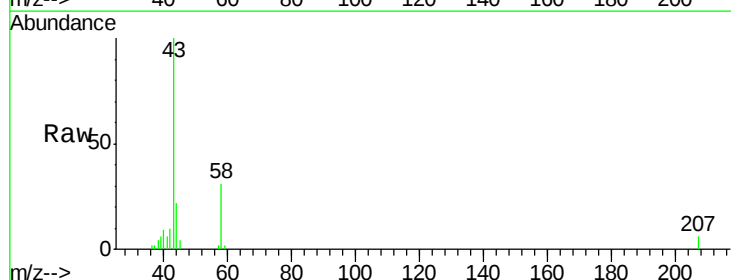
Acq: 06 Nov 2020 16:06

Tgt Ion: 43 Resp: 5889

Ion Ratio Lower Upper

43 100

58 30.7 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

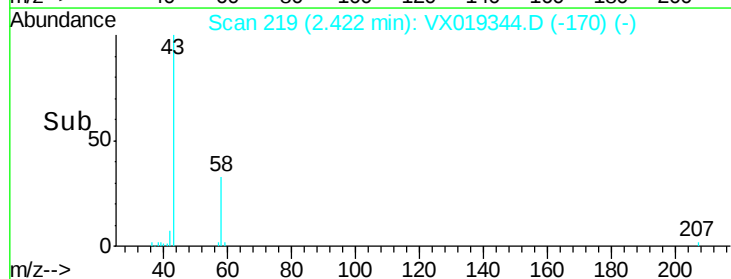
3000

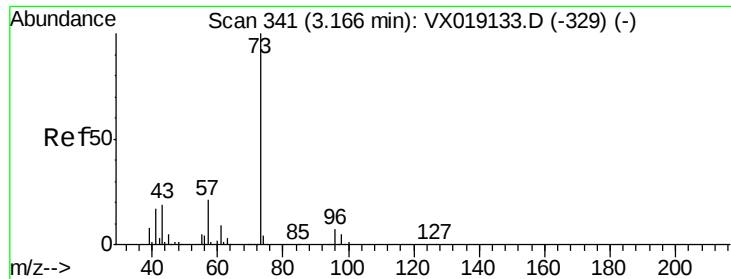
2000

1000

0

Time-->





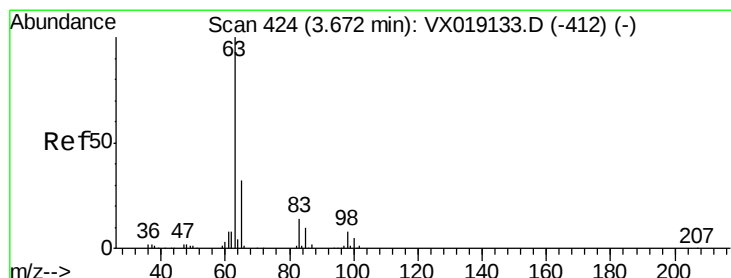
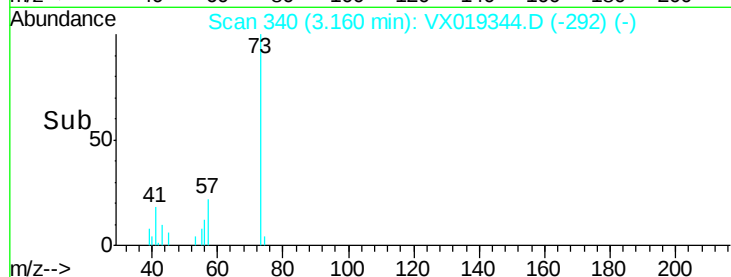
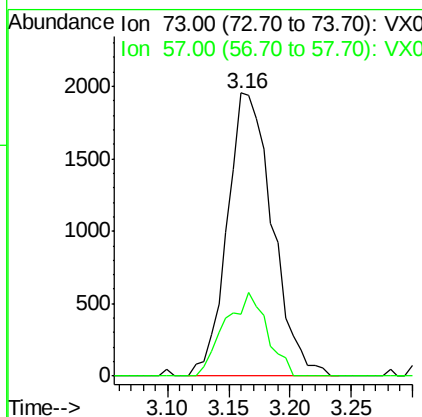
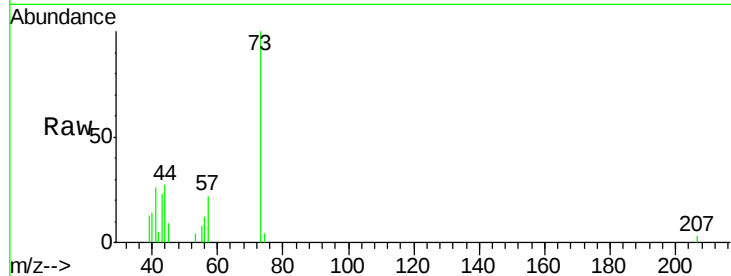
#19
Methvl tert-butvl Ether
Concen: 0.491 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019344.D
Acq: 06 Nov 2020 16:06

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB178-GW-358-360

Tot Ion: 73 Resp: 4994
Ion Ratio Lower Upper
73 100
57 21.8 16.6 25.0

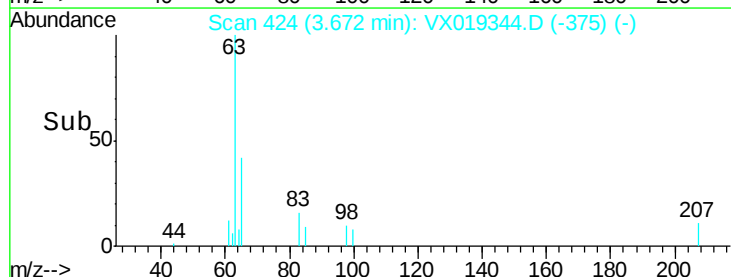
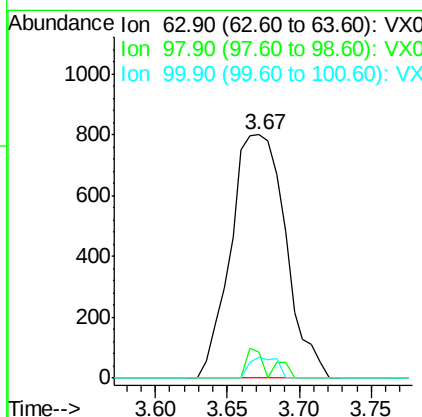
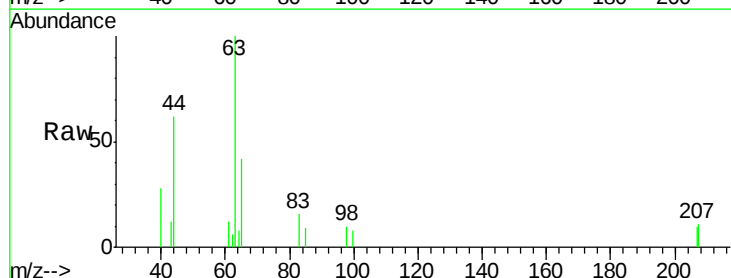
Manual Integrations
APPROVED

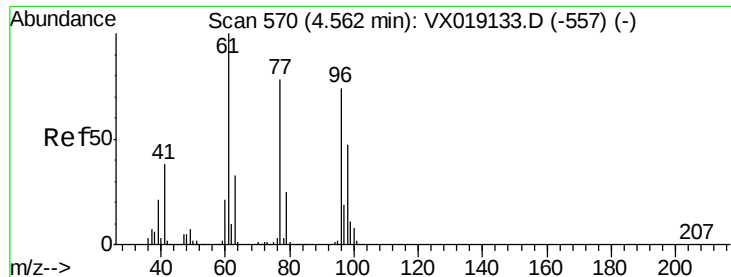
MMDadoda
11/9/2020 9:37:01 AM



#24
1,1-Dichloroethane
Concen: 0.382 ug/l
RT: 3.67 min Scan# 424
Delta R.T. -0.00 min
Lab File: VX019344.D
Acq: 06 Nov 2020 16:06

Tgt Ion: 63 Resp: 2118
Ion Ratio Lower Upper
63 100
98 10.5 3.8 11.4
100 8.4 2.4 7.2#





#27

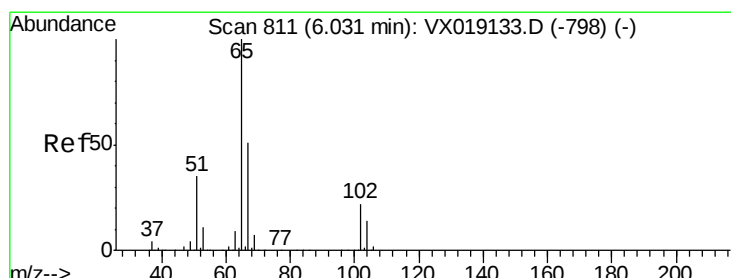
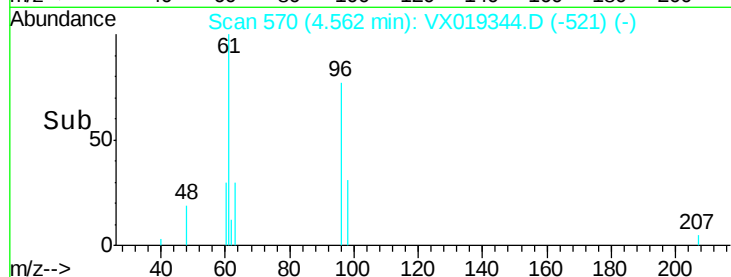
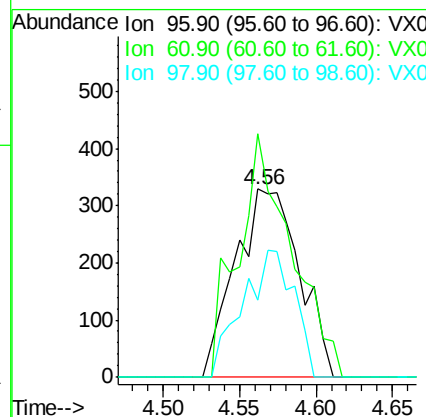
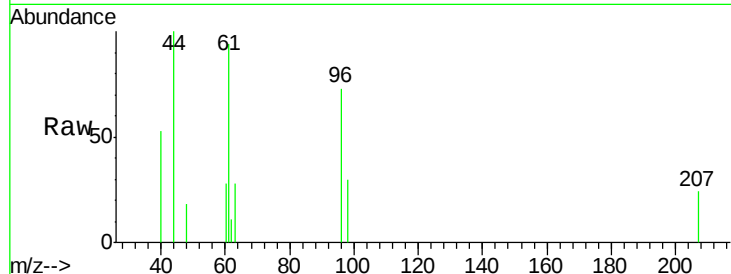
cis-1,2-Dichloroethene
Concen: 0.254 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019344.D
Acq: 06 Nov 2020 16:06

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB178-GW-358-360

Tot Ion	Ratio	Lower	Upper
96	100		
61	107.8	0.0	278.8
98	53.9	0.0	130.2

Manual Integrations
APPROVED

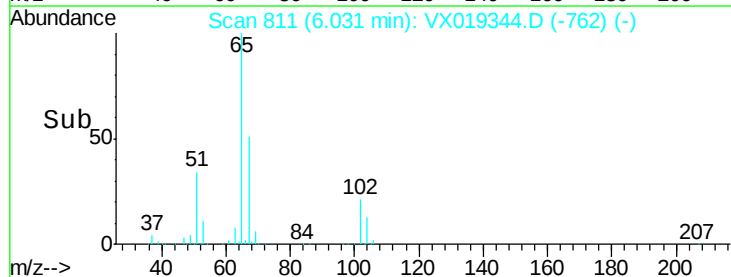
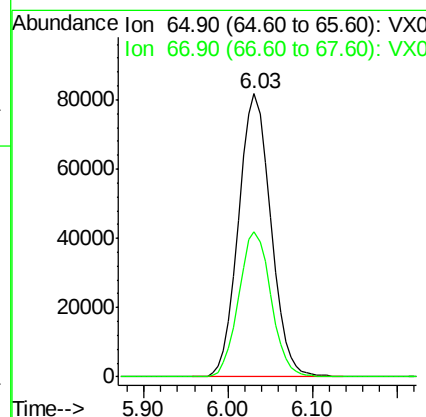
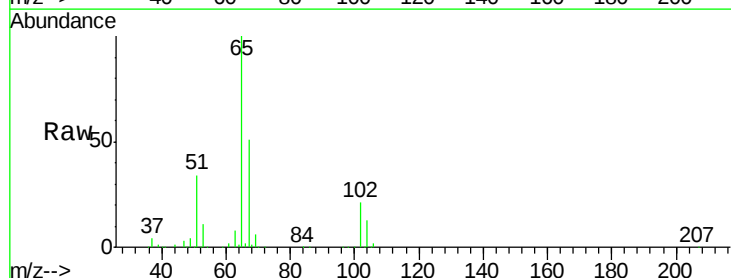
MMDadoda
11/9/2020 9:37:01 AM

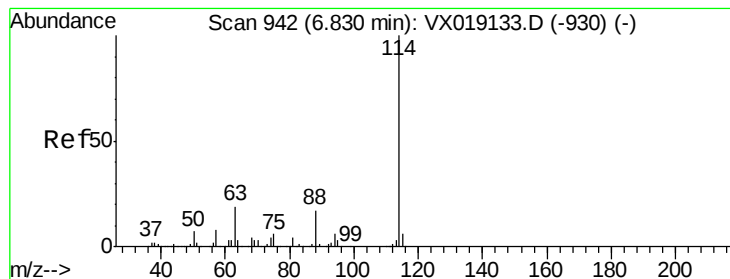


#33

1,2-Dichloroethane-d4
Concen: 54.383 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019344.D
Acq: 06 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019344.D

Acq: 06 Nov 2020 16:06

Instrument :

MSVOA_X

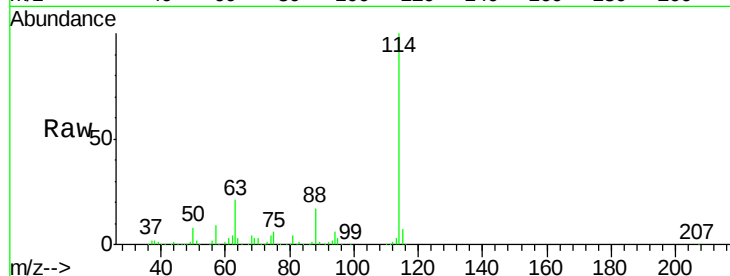
ClientSampleId :

BP-VPB178-GW-358-360

Tot Ion	Ratio	Resp	Lower	Upper
114	100	533318		
63	21.1		0.0	38.8
88	16.7		0.0	34.2

Manual Integrations
APPROVED

MMDadoda
11/9/2020 9:37:01 AM

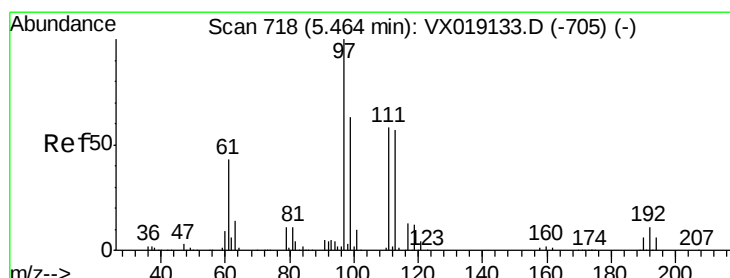
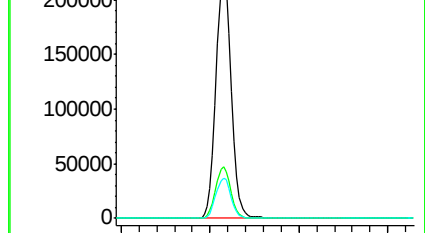
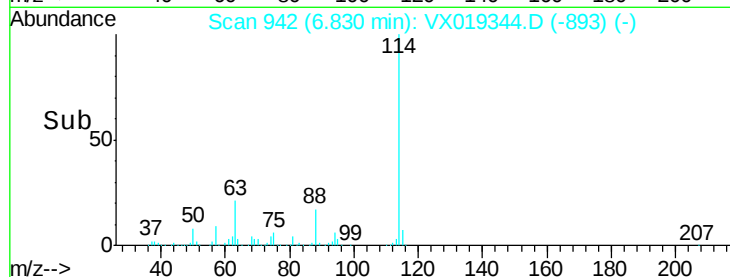


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

Time-->



#35

Dibromofluoromethane

Concen: 49.099 ug/l

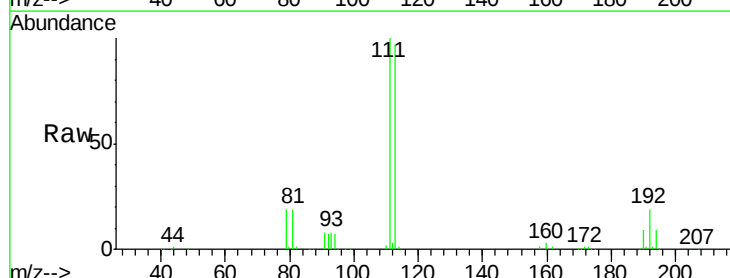
RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019344.D

Acq: 06 Nov 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	164481		
111	102.7		82.3	123.5
192	19.4		16.2	24.2

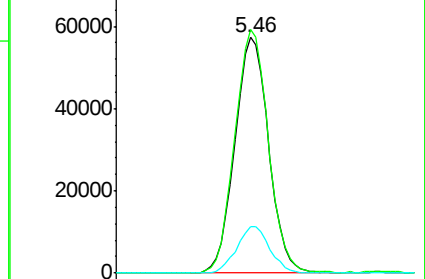
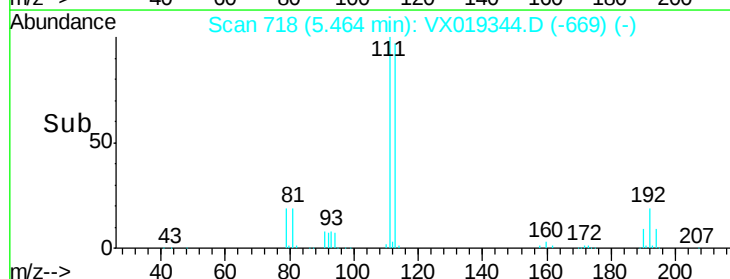


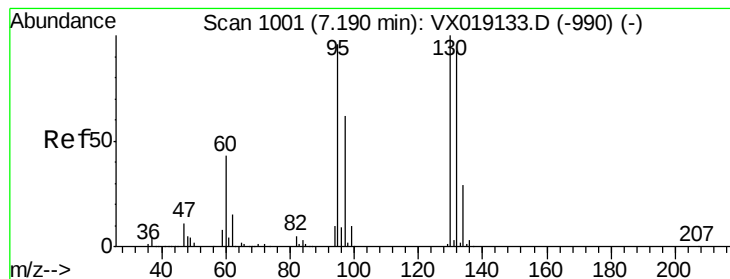
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->





#44

Trichloroethene

Concen: 11.038 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX019344.D

Acq: 06 Nov 2020 16:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB178-GW-358-360

Tot Ion:130 Resp: 44139

Ion Ratio Lower Upper

130 100

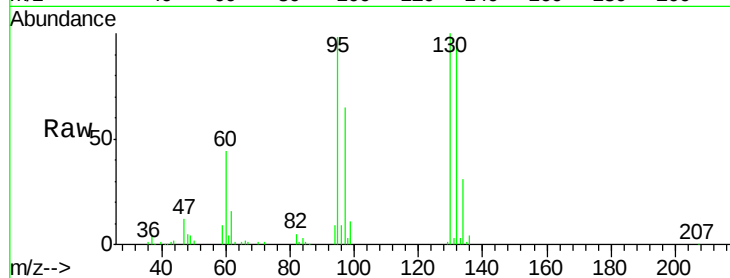
95 98.0 0.0 192.0

Manual Integrations

APPROVED

MMDadoda

11/9/2020 9:37:01 AM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

25000

20000

15000

10000

5000

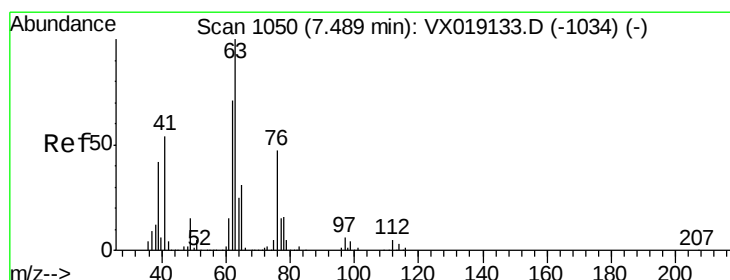
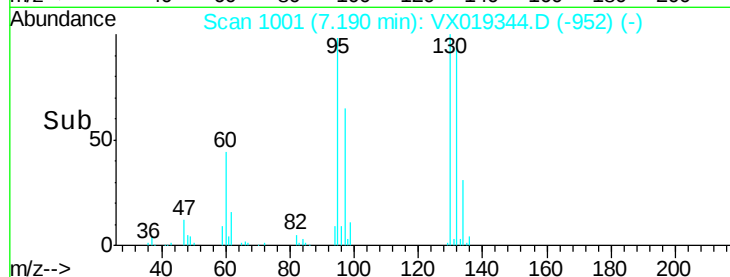
0

Time-->

7.10

7.20

7.30



#45

1,2-Dichloropropane

Concen: 1.880 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019344.D

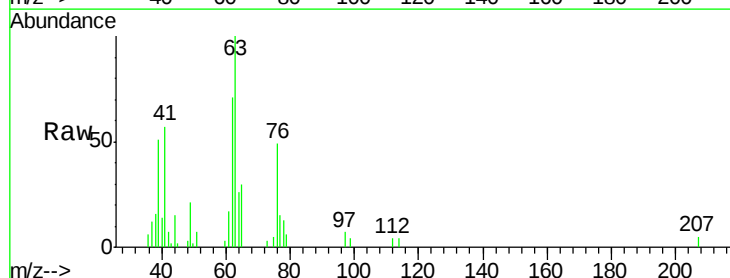
Acq: 06 Nov 2020 16:06

Tgt Ion: 63 Resp: 6429

Ion Ratio Lower Upper

63 100

65 30.4 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

3000

2000

1000

0

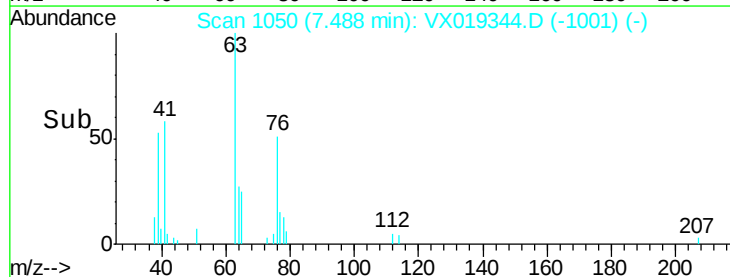
Time-->

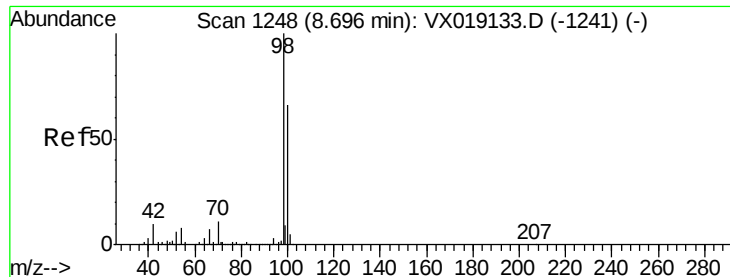
7.40

7.45

7.50

7.55





#50

Toluene-d8

Concen: 51.398 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019344.D

Acq: 06 Nov 2020 16:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB178-GW-358-360

Tot Ion: 98 Resp: 649068

Ion Ratio Lower Upper

98 100

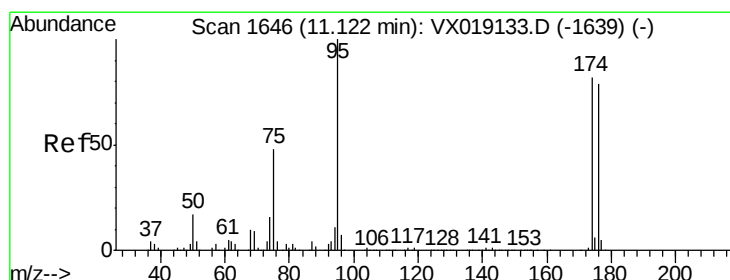
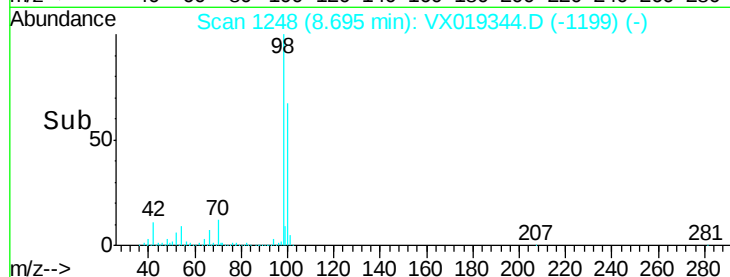
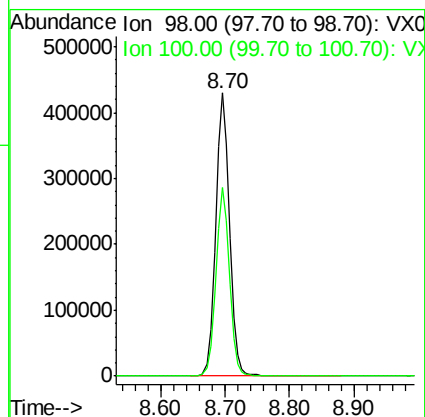
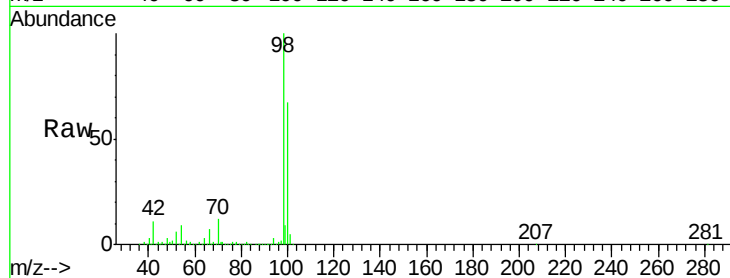
100 65.7 53.0 79.6

Manual Integrations

APPROVED

MMDadoda

11/9/2020 9:37:01 AM



#62

4-Bromofluorobenzene

Concen: 52.213 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019344.D

Acq: 06 Nov 2020 16:06

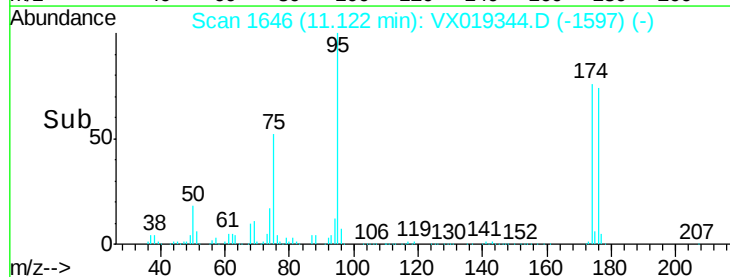
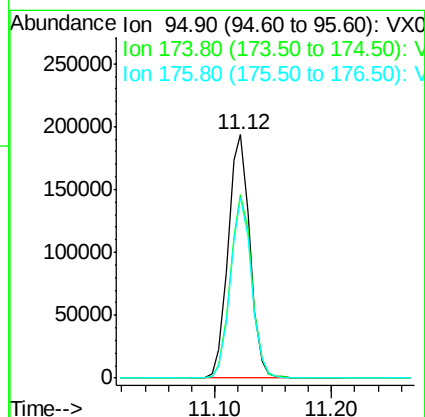
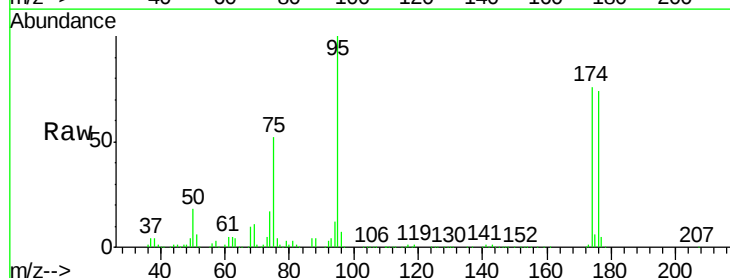
Tgt Ion: 95 Resp: 249701

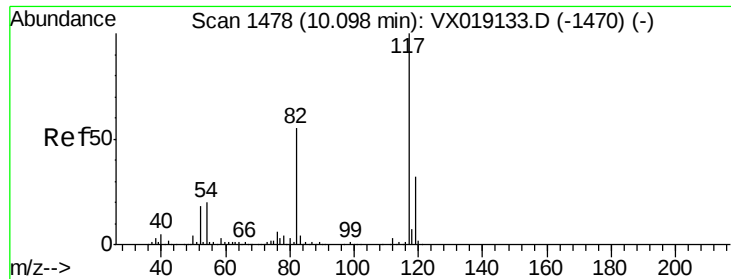
Ion Ratio Lower Upper

95 100

174 75.1 0.0 156.0

176 72.4 0.0 149.8





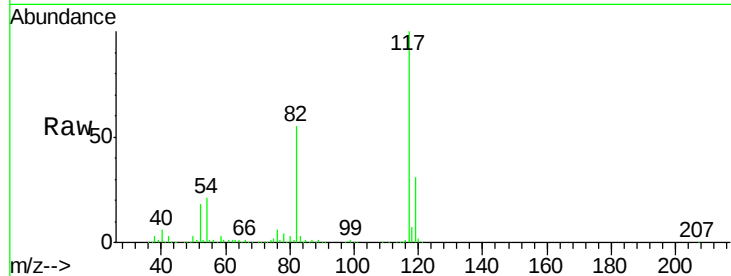
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019344.D
Acq: 06 Nov 2020 16:06

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB178-GW-358-360

Tot Ion	Ratio	Resp	Lower	Upper
117	100	498681		
82	55.4	43.6	65.4	
119	31.3	25.5	38.3	

Manual Integrations
APPROVED

MMDadoda
11/9/2020 9:37:01 AM

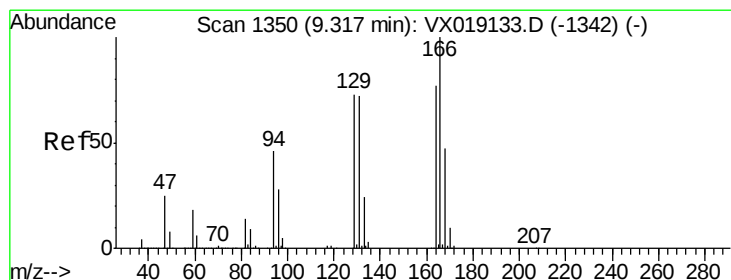
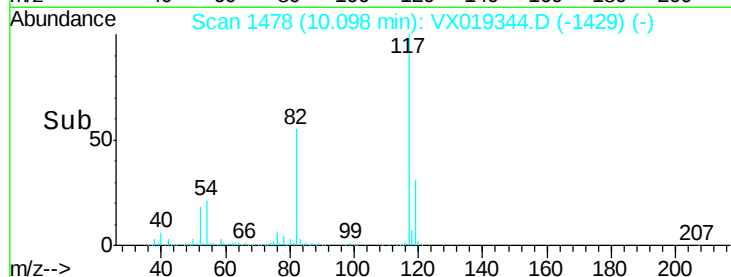
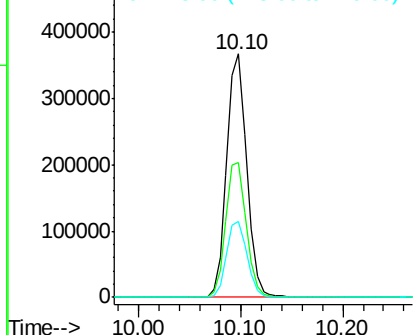


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 1.114 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019344.D
Acq: 06 Nov 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	4232		
166	130.8	104.1	156.1	
129	87.9	76.2	114.4	
131	97.6	74.6	112.0	

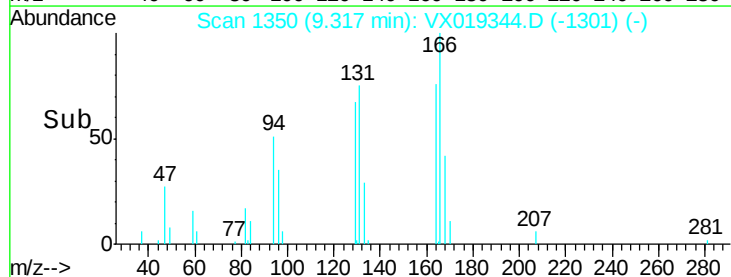
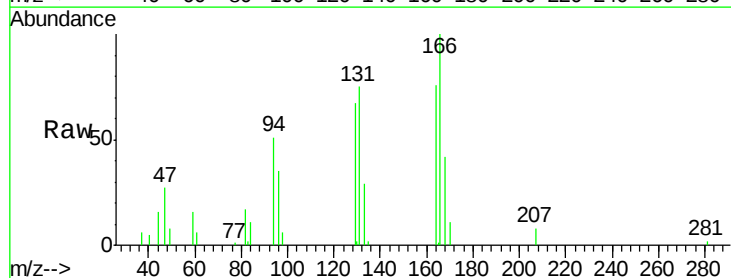
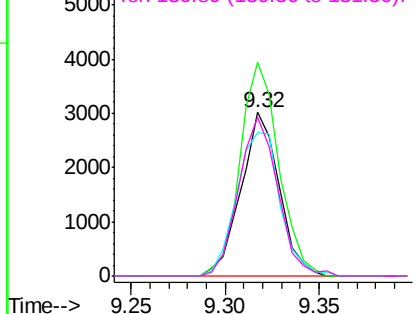
Abundance

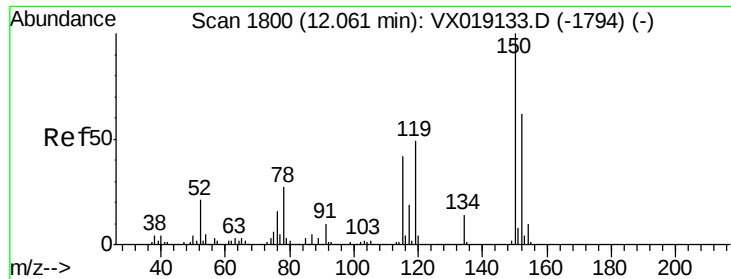
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019344.D

Acq: 06 Nov 2020 16:06

Instrument :

MSVOA_X

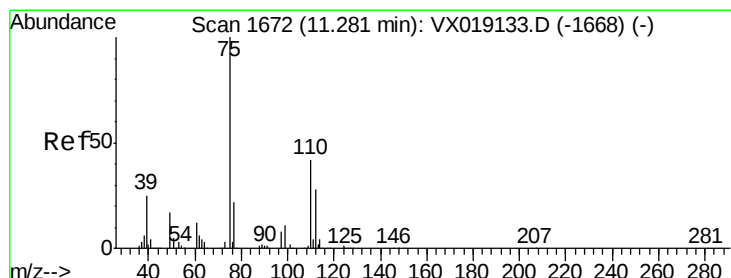
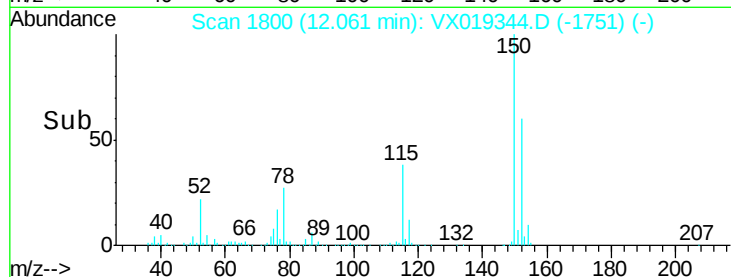
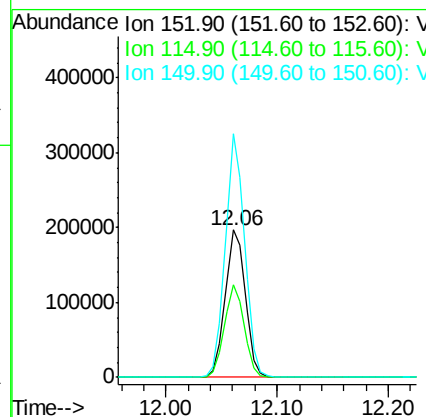
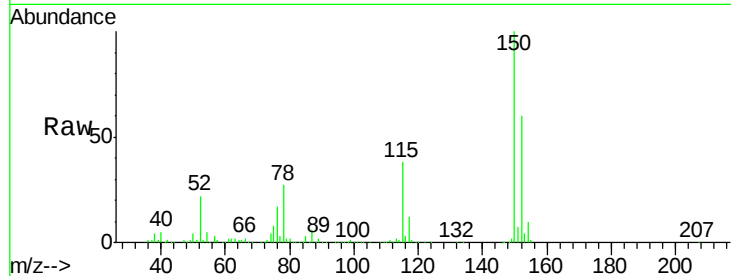
ClientSampleId :

BP-VPB178-GW-358-360

Tot Ion:	152	Resp:	246352
Ion Ratio	Lower	Upper	
152	100		
115	61.6	41.9	125.7
150	158.7	0.0	347.8

Manual Integrations
APPROVED

MMDadoda
11/9/2020 9:37:01 AM



#76

1,2,3-Trichloropropane

Concen: 0.332 ug/l m

RT: 11.27 min Scan# 1671

Delta R.T. -0.01 min

Lab File: VX019344.D

Acq: 06 Nov 2020 16:06

Tgt Ion:	75	Resp:	1687
Ion Ratio	Lower	Upper	
75	100		
77	87.4	20.3	60.9#

