

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019551.D
 Acq On : 23 Nov 2020 15:28
 Operator : JC/MD
 Sample : L4798-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 45BR-20201118

Manual Integrations
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 11/24/2020 2:59:45 PM

Quant Time: Nov 24 05:10:13 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	302964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	488927	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	409846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	176746	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	180148	45.86	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.72%
35) Dibromofluoromethane	5.46	113	145303	47.35	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.70%
50) Toluene-d8	8.70	98	563315	47.24	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.48%
62) 4-Bromofluorobenzene	11.12	95	191830	44.71	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.42%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	14330m	4.864	ug/l
4) Vinyl Chloride	1.39	62	109592	30.113	ug/l
12) 1,1-Dichloroethene	2.34	96	16765	5.574	ug/l
21) trans-1,2-Dichloroethene	3.14	96	21890	6.423	ug/l
27) cis-1,2-Dichloroethene	4.56	96	4131960	1055.549	ug/l
29) Tetrahydrofuran	5.10	42	2466	1.694	ug/l #
44) Trichloroethene	7.20	130	10038995	2721.339	ug/l

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

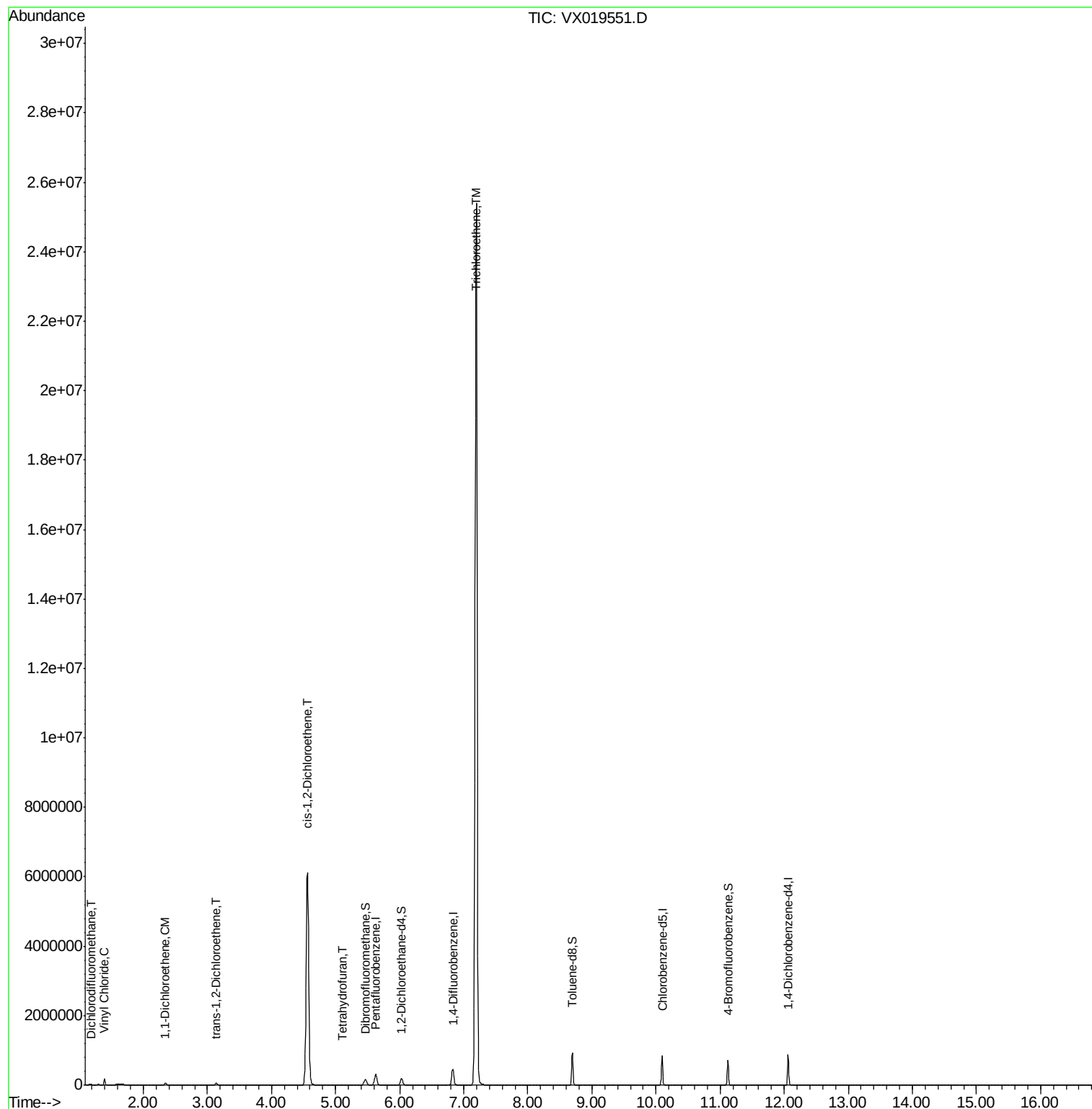
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112320\
Data File : VX019551.D
Acq On : 23 Nov 2020 15:28
Operator : JC/MD
Sample : L4798-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

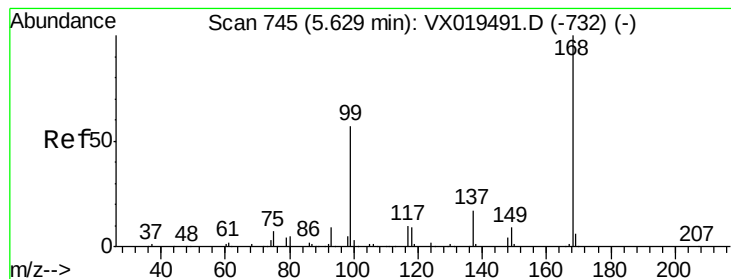
Instrument :
MSVOA_X
ClientSampleId :
45BR-20201118

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Quant Time: Nov 24 05:10:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
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: VX019551.D

Acq: 23 Nov 2020 15:28

Instrument :

MSVOA_X

ClientSampleId :

45BR-20201118

Tot Ion:168 Resp: 302964

Ion Ratio Lower Upper

168 100

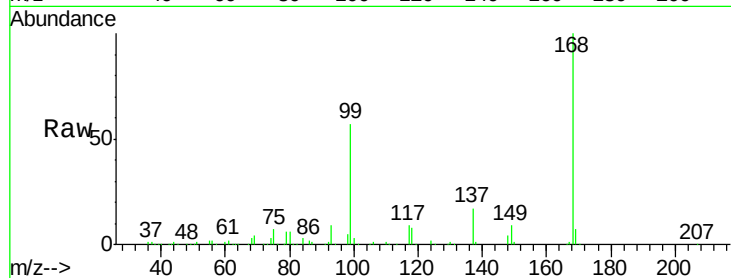
99 56.5 45.8 68.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

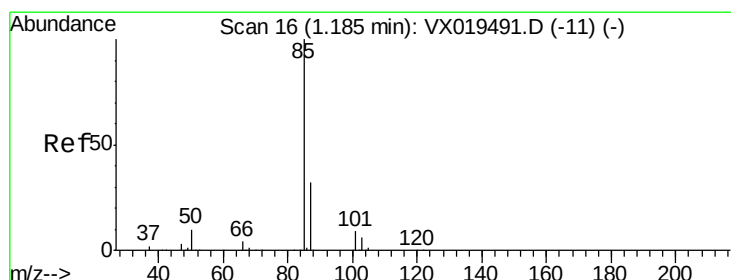
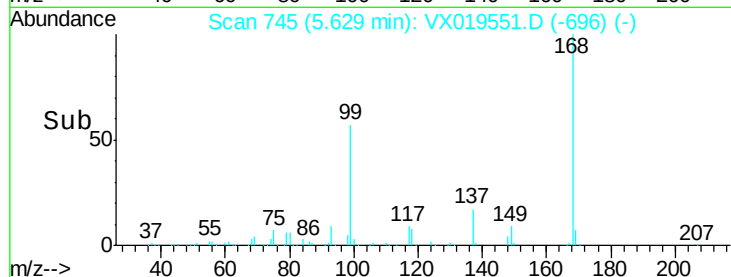
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.864 ug/l m

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019551.D

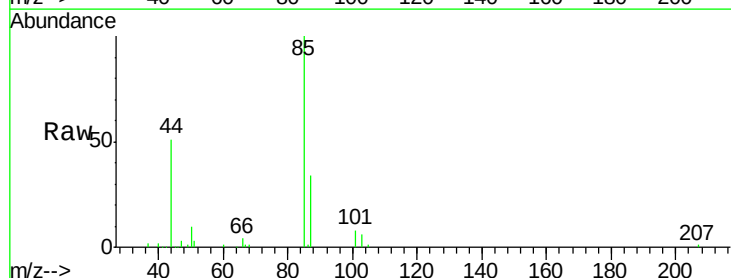
Acq: 23 Nov 2020 15:28

Tgt Ion: 85 Resp: 14330

Ion Ratio Lower Upper

85 100

87 33.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

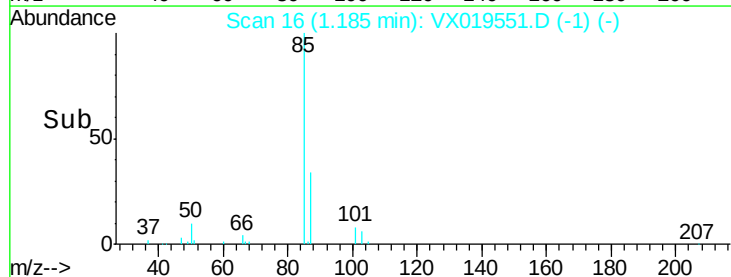
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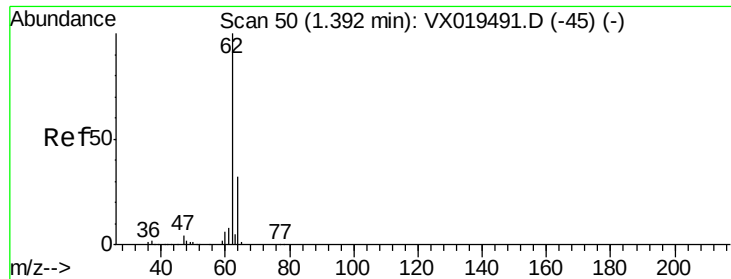
10000

5000

0

Time-->





#4

Vinyl Chloride

Concen: 30.113 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019551.D

Acq: 23 Nov 2020 15:28

Instrument :

MSVOA_X

ClientSampleId :

45BR-20201118

Tot Ion: 62 Resp: 109592

Ion Ratio Lower Upper

62 100

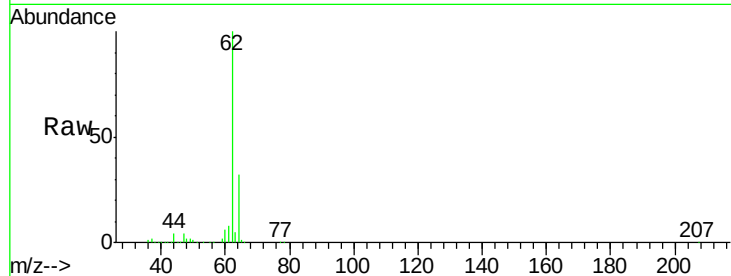
64 31.4 25.4 38.2

Manual Integrations

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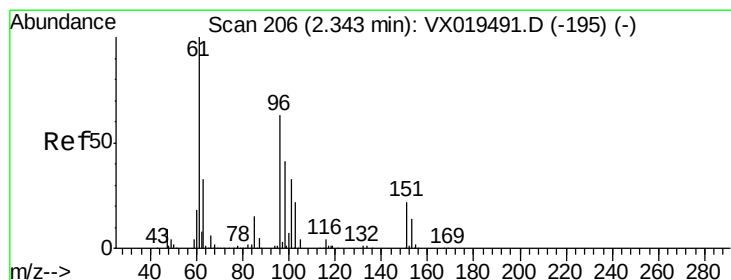
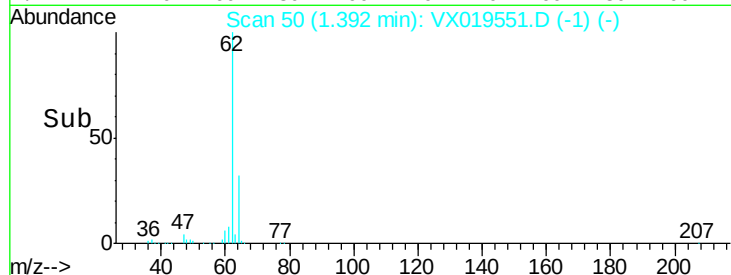
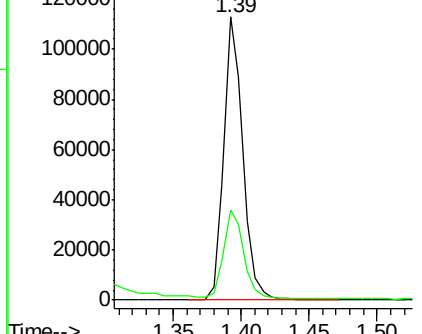
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Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#12

1,1-Dichloroethene

Concen: 5.574 ug/l

RT: 2.34 min Scan# 206

Delta R.T. -0.00 min

Lab File: VX019551.D

Acq: 23 Nov 2020 15:28

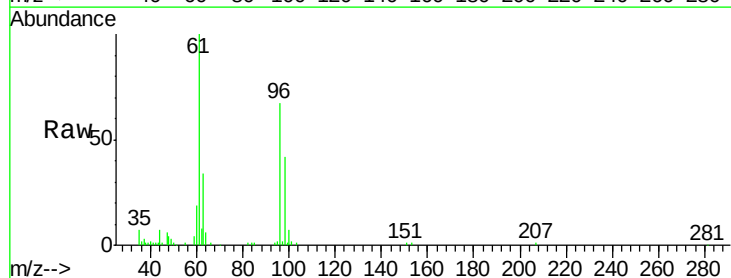
Tgt Ion: 96 Resp: 16765

Ion Ratio Lower Upper

96 100

61 149.7 126.0 189.0

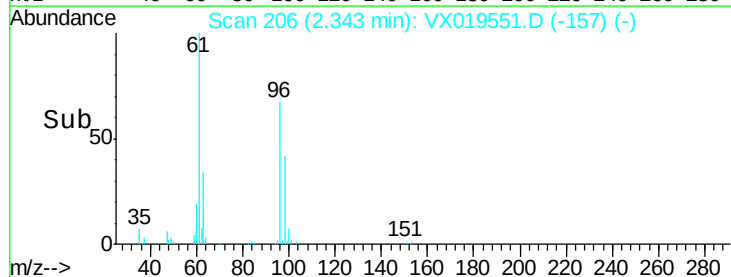
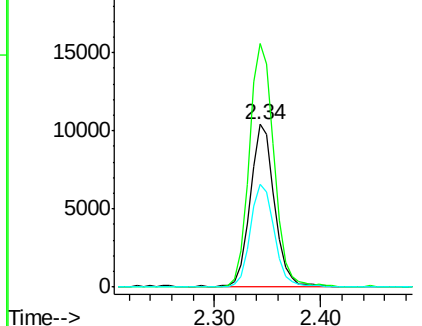
98 63.5 52.0 78.0

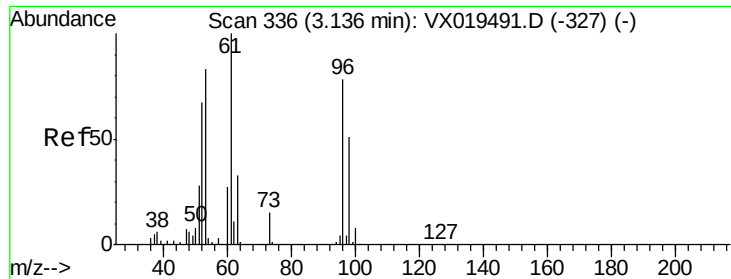


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





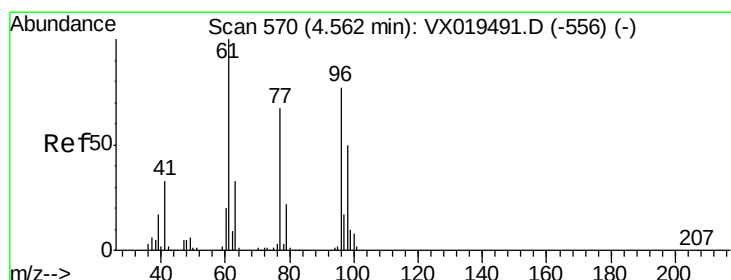
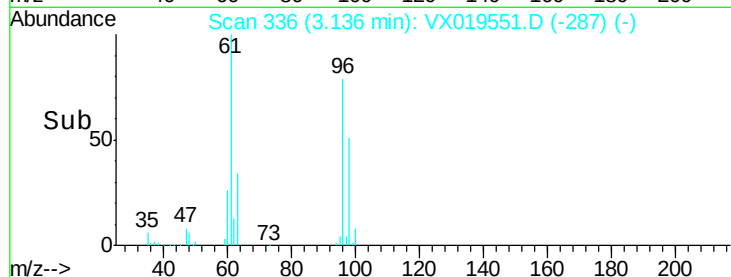
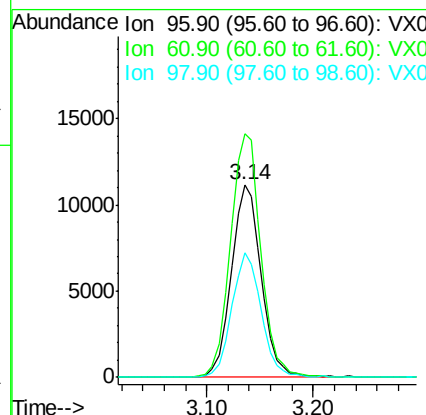
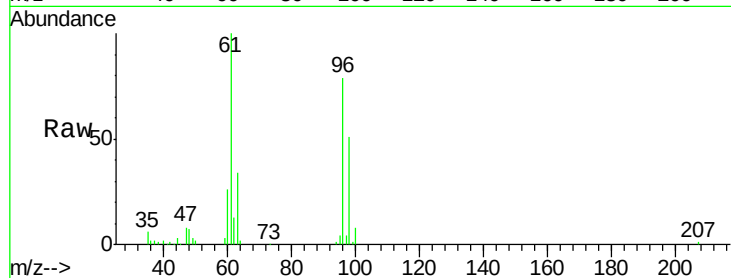
#21
trans-1,2-Dichloroethene
Concen: 6.423 ug/l
RT: 3.14 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX019551.D
Acq: 23 Nov 2020 15:28

Instrument :
MSVOA_X
ClientSampleId :
45BR-20201118

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.1	102.9	154.3
98	64.6	52.1	78.1

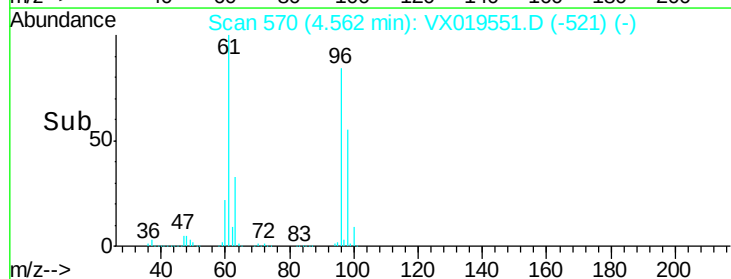
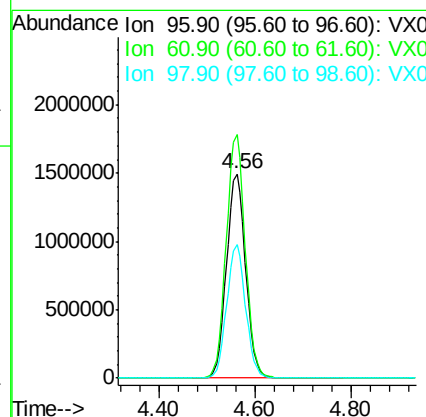
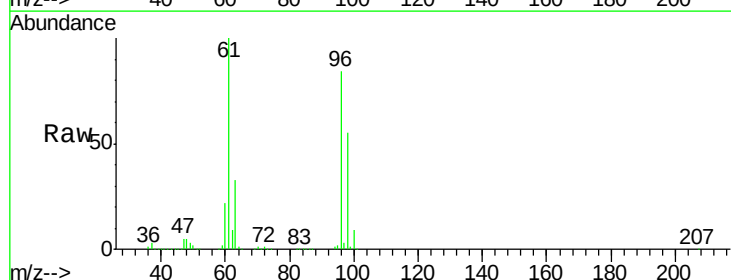
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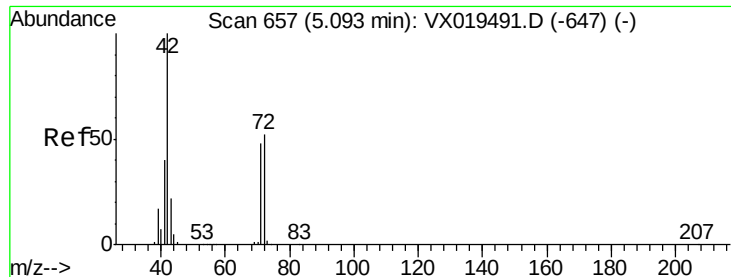
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#27
cis-1,2-Dichloroethene
Concen: 1055.549 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019551.D
Acq: 23 Nov 2020 15:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	119.0	0.0	279.2
98	64.6	0.0	129.8





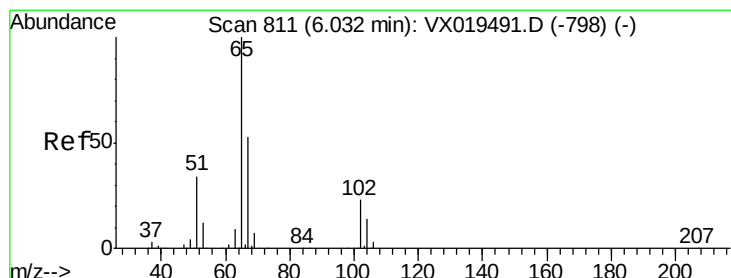
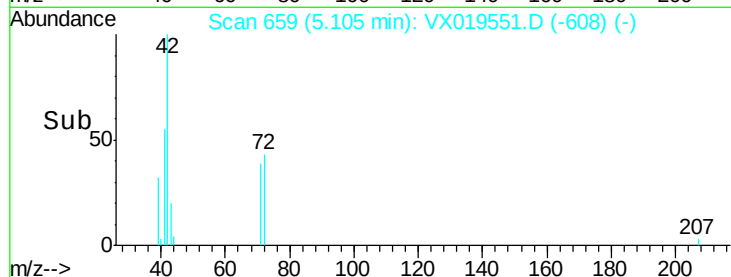
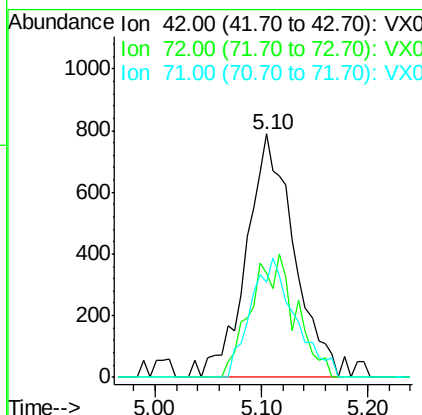
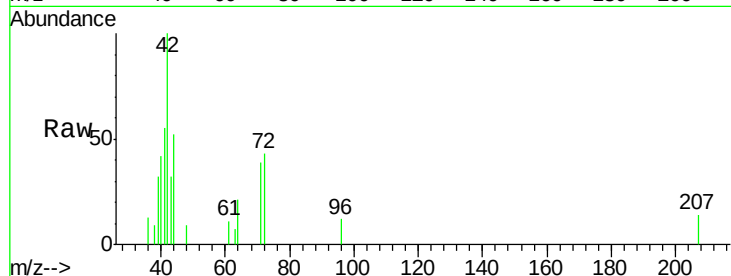
#29
Tetrahydrofuran
Concen: 1.694 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX019551.D
Acq: 23 Nov 2020 15:28

Instrument :
MSVOA_X
ClientSampleId :
45BR-20201118

Tot Ion	Ratio	Lower	Upper
42	100		
72	25.6	42.6	63.8#
71	45.5	39.0	58.6

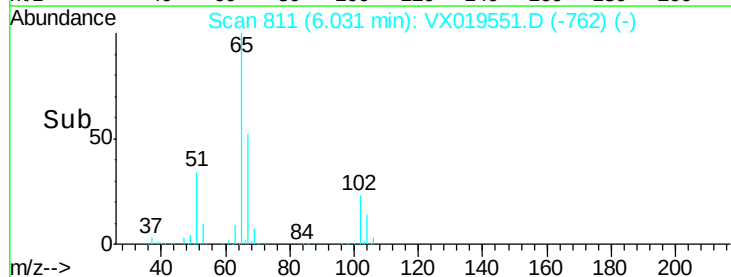
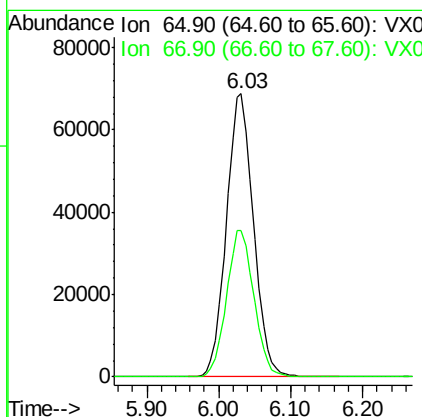
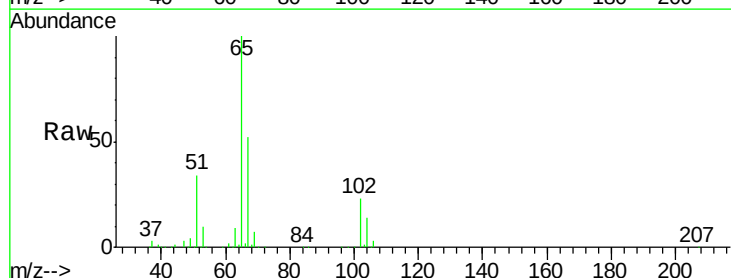
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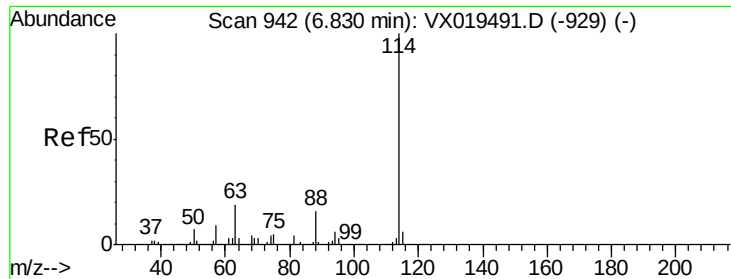
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#33
1,2-Dichloroethane-d4
Concen: 45.860 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019551.D
Acq: 23 Nov 2020 15:28

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.4	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: VX019551.D

Acq: 23 Nov 2020 15:28

Instrument :

MSVOA_X

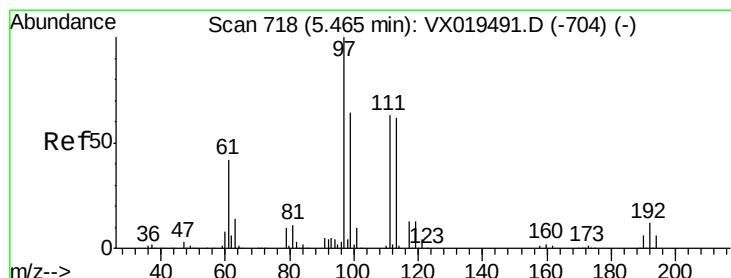
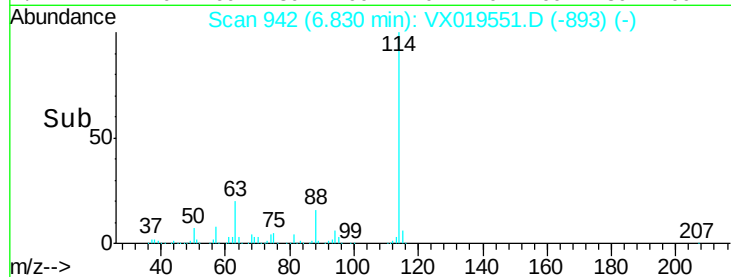
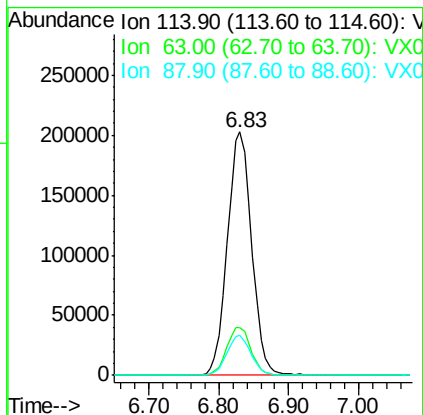
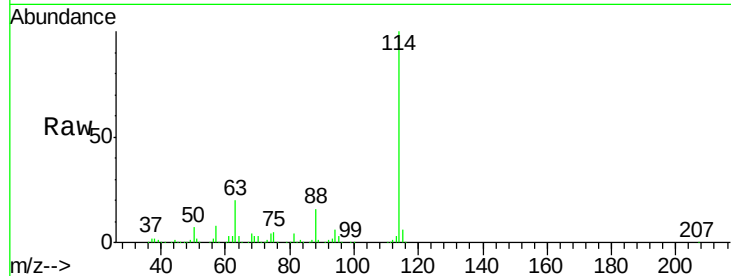
ClientSampleId :

45BR-20201118

Tot Ion	Ratio	Resp	Lower	Upper
114	100	488927		
63	19.8	0.0	38.8	
88	16.3	0.0	31.6	

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#35

Dibromofluoromethane

Concen: 47.345 ug/l

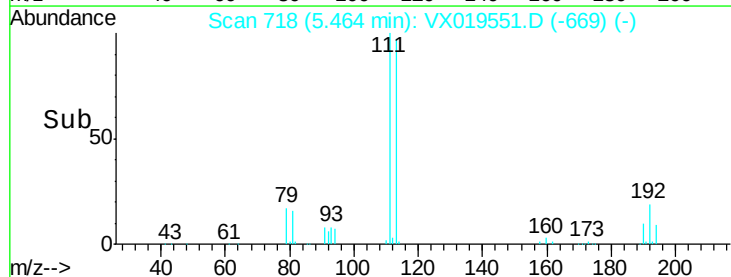
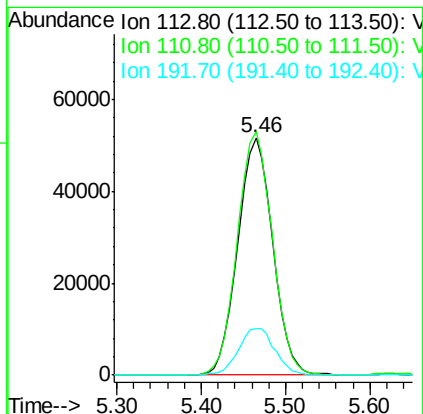
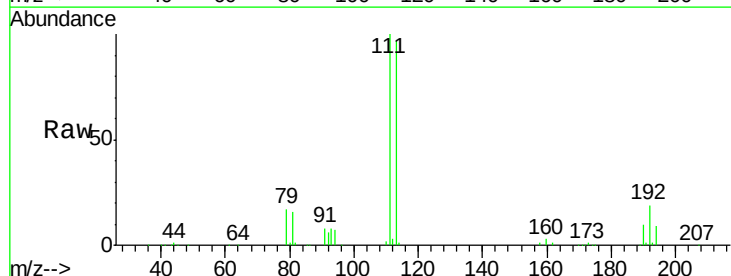
RT: 5.46 min Scan# 718

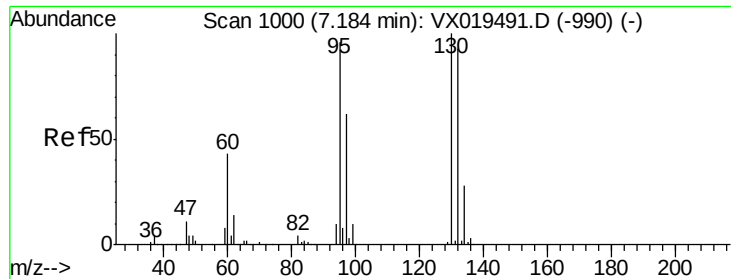
Delta R.T. -0.00 min

Lab File: VX019551.D

Acq: 23 Nov 2020 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	145303		
111	102.7	81.5	122.3	
192	20.4	16.2	24.2	





#44

Trichloroethene

Concen: 2721.339 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX019551.D

Acq: 23 Nov 2020 15:28

Instrument :

MSVOA_X

ClientSampleId :

45BR-20201118

Tot Ion:130 Resp:10038995

Ion Ratio Lower Upper

130 100

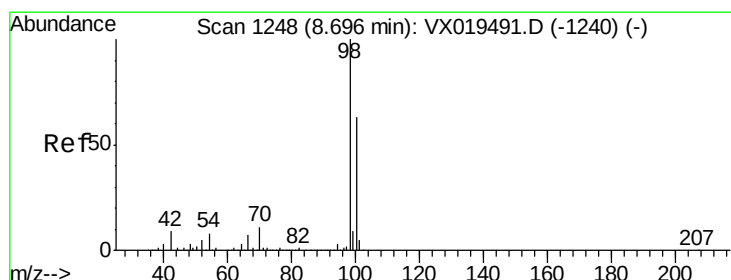
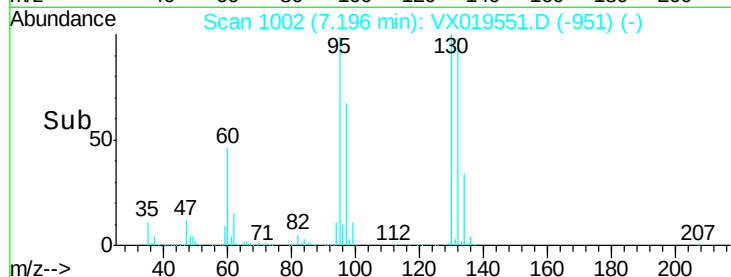
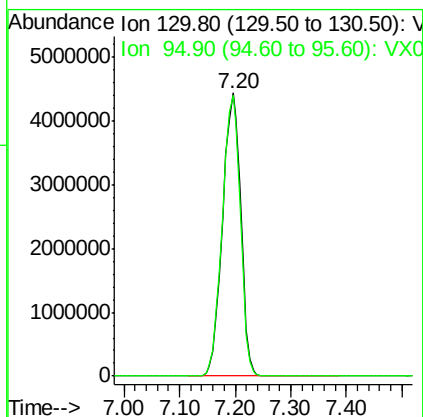
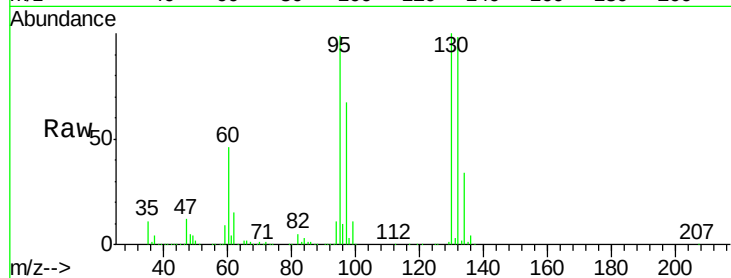
95 99.4 0.0 191.2

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#50

Toluene-d8

Concen: 47.235 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019551.D

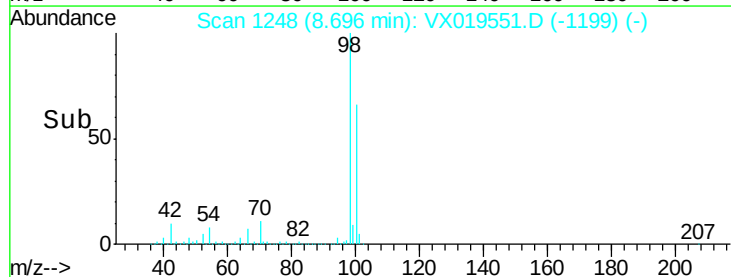
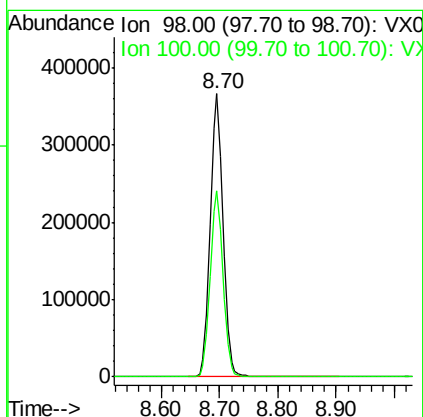
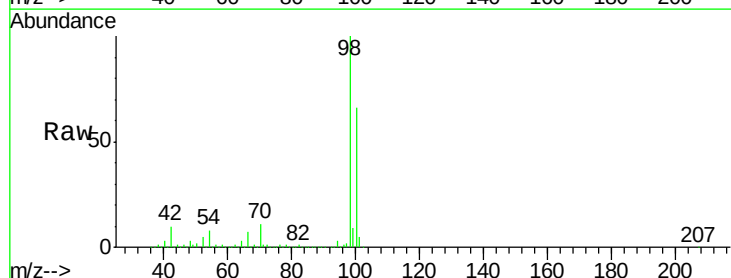
Acq: 23 Nov 2020 15:28

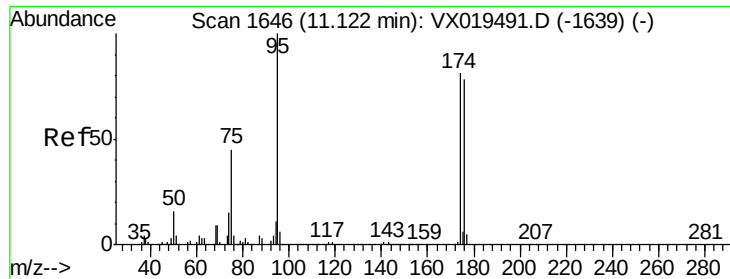
Tgt Ion: 98 Resp: 563315

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6





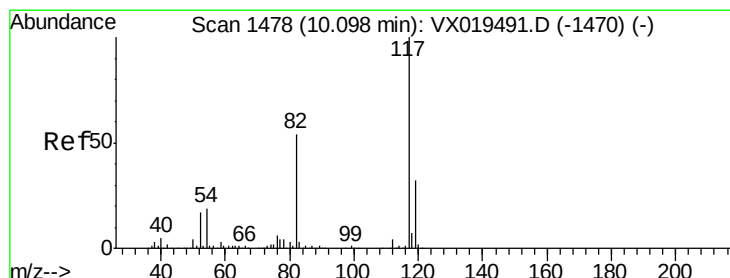
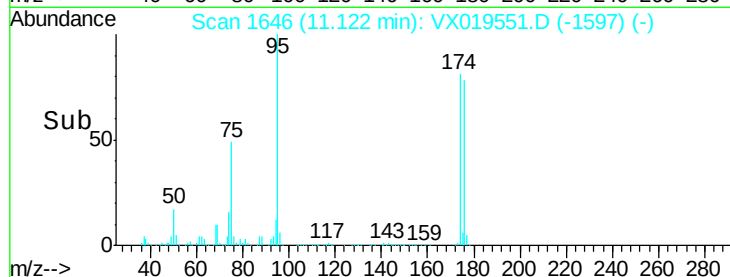
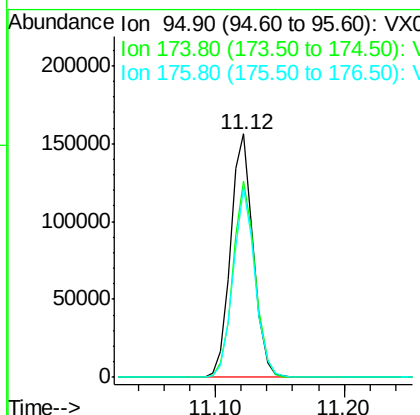
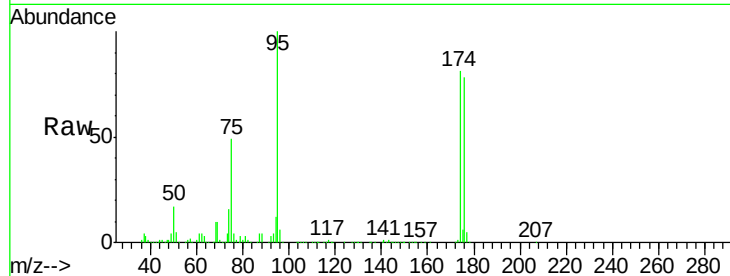
#62
4-Bromofluorobenzene
Concen: 44.708 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019551.D
Acq: 23 Nov 2020 15:28

Instrument :
MSVOA_X
ClientSampleId :
45BR-20201118

Tot Ion	Ratio	Resp	Lower	Upper
95	100	191830		
174	79.3	0.0	156.2	
176	75.6	0.0	151.4	

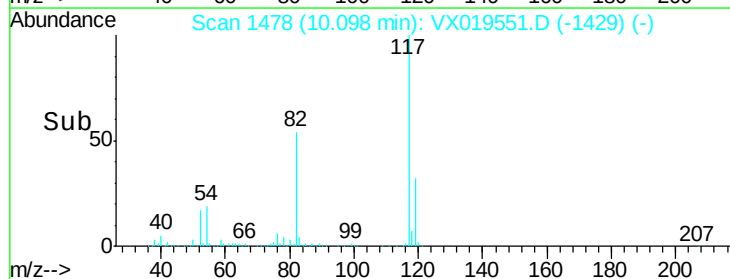
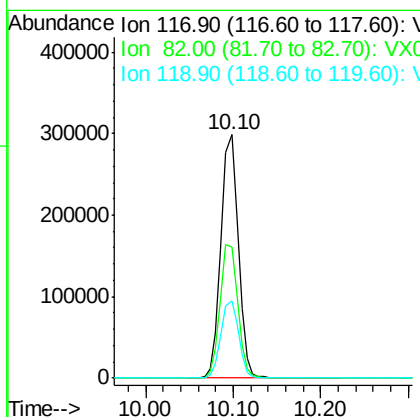
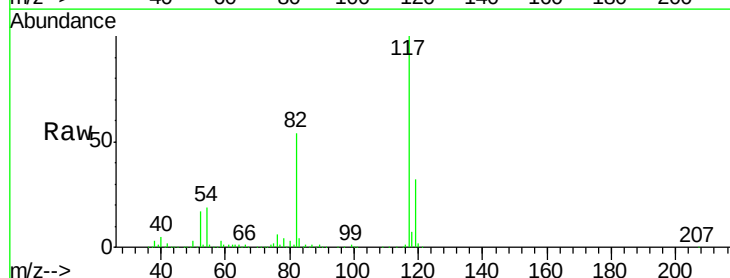
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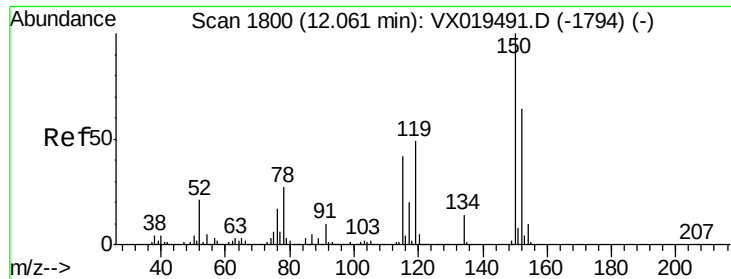
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019551.D
Acq: 23 Nov 2020 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	409846		
82	53.7	43.0	64.4	
119	31.7	25.6	38.4	





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VX019551.D
 Acq: 23 Nov 2020 15:28

Instrument :
 MSVOA_X
 ClientSampleId :
 45BR-20201118

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.2	41.8	125.4
150	157.9	0.0	348.2

Manual Integrations
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