

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019554.D
 Acq On : 23 Nov 2020 16:39
 Operator : JC/MD
 Sample : L4798-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 91BR-20201118

Manual Integrations
 APPROVED

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 11/24/2020 2:59:47 PM

Quant Time: Nov 24 05:10:52 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	301219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	490239	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	414615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	175812	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	180397	46.19	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.38%
35) Dibromofluoromethane	5.46	113	144308	46.90	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.80%
50) Toluene-d8	8.70	98	565105	47.26	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.52%
62) 4-Bromofluorobenzene	11.12	95	191171	44.44	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.88%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	10611m	3.622	ug/l	
4) Vinyl Chloride	1.39	62	302293	83.544	ug/l	98
12) 1,1-Dichloroethene	2.34	96	4632	1.549	ug/l	91
21) trans-1,2-Dichloroethene	3.14	96	4355	1.285	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	1445498	371.405	ug/l	88
29) Tetrahydrofuran	5.11	42	870	0.601	ug/l #	80
44) Trichloroethene	7.18	130	132778	35.897	ug/l	93

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

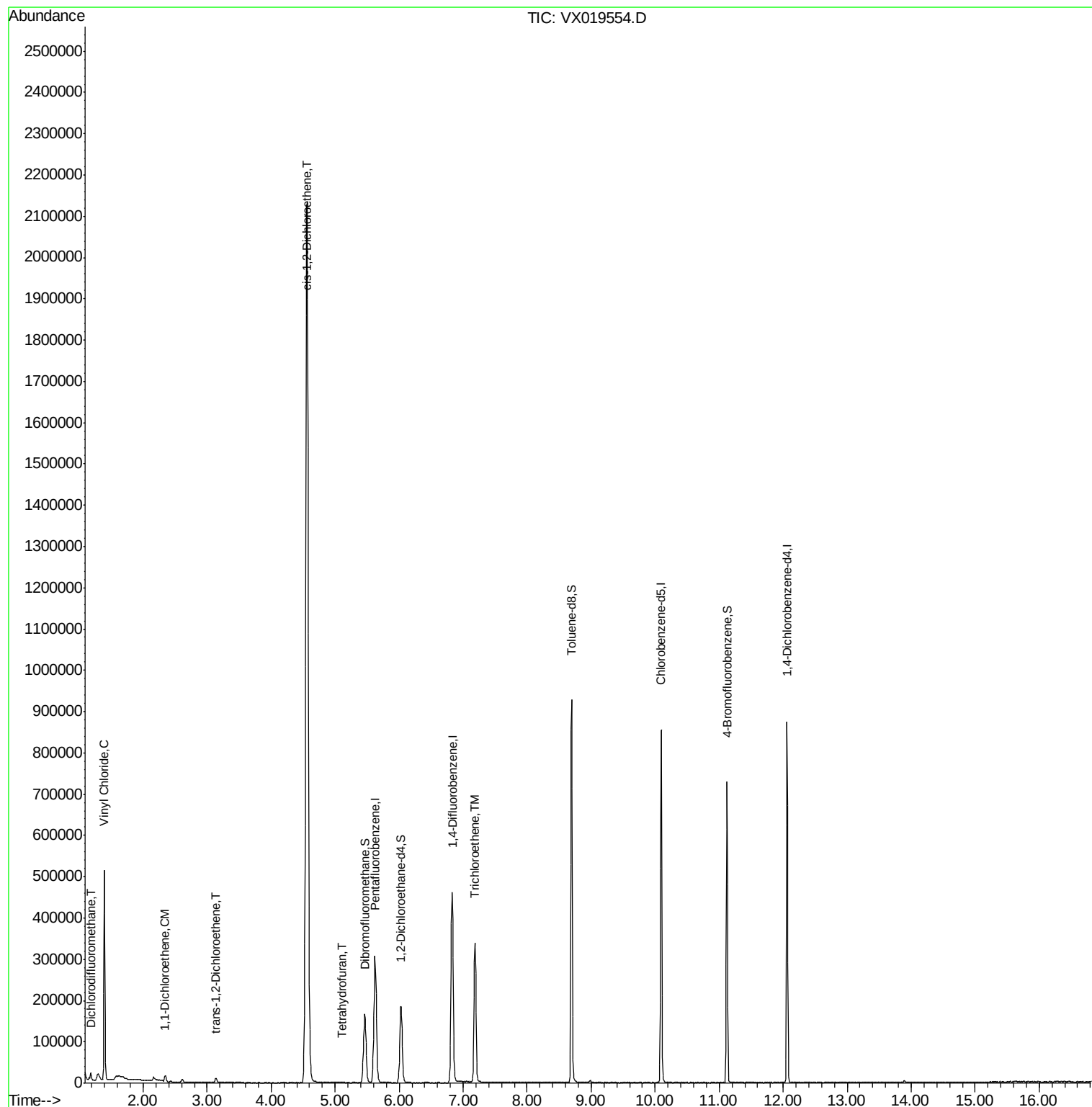
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112320\
Data File : VX019554.D
Acq On : 23 Nov 2020 16:39
Operator : JC/MD
Sample : L4798-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

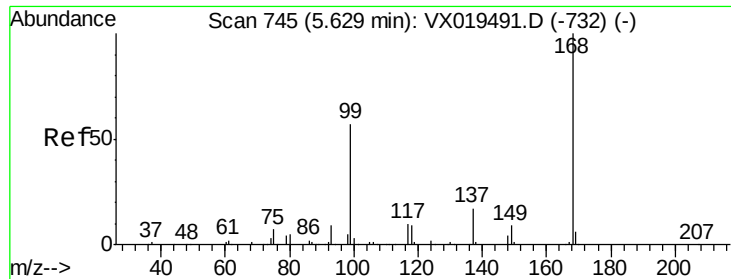
Instrument :
MSVOA_X
ClientSampleId :
91BR-20201118

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Quant Time: Nov 24 05:10:52 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: VX019554.D

Acq: 23 Nov 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

91BR-20201118

Tot Ion:168 Resp: 301219

Ion Ratio Lower Upper

168 100

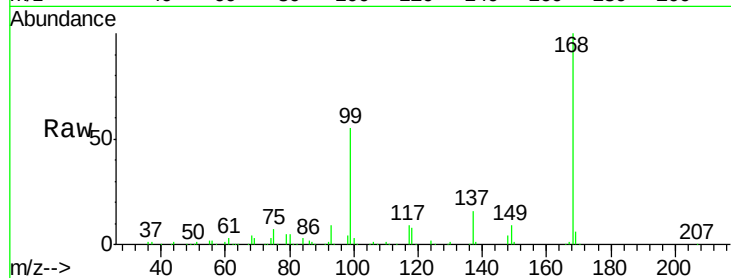
99 54.8 45.8 68.6

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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

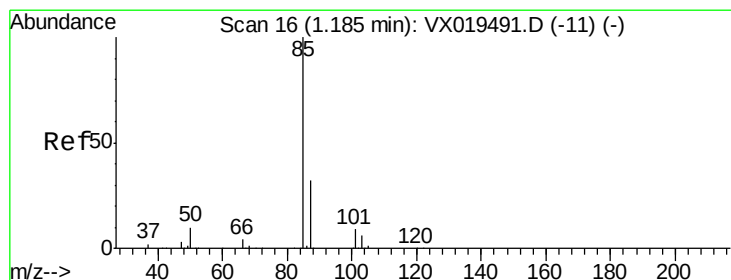
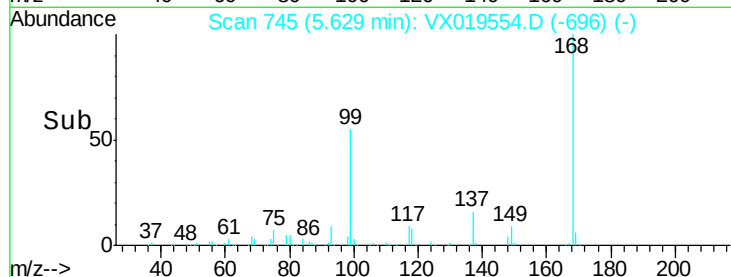
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.622 ug/l m

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019554.D

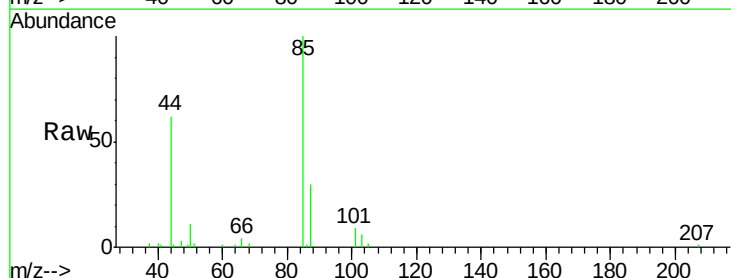
Acq: 23 Nov 2020 16:39

Tgt Ion: 85 Resp: 10611

Ion Ratio Lower Upper

85 100

87 29.9 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

12000

10000

8000

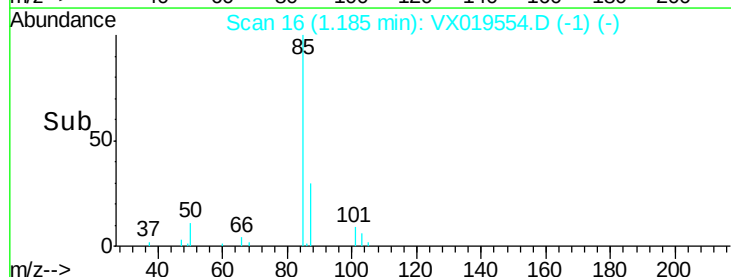
6000

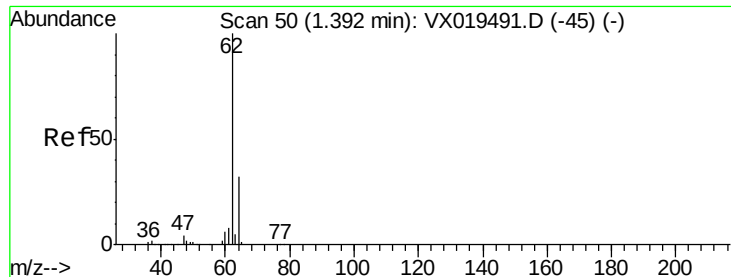
4000

2000

0

Time-->





#4

Vinyl Chloride

Concen: 83.544 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019554.D

Acq: 23 Nov 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

91BR-20201118

Tot Ion: 62 Resp: 302293

Ion Ratio Lower Upper

62 100

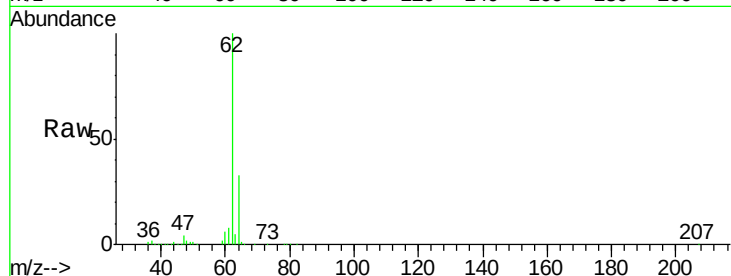
64 32.7 25.4 38.2

Manual Integrations

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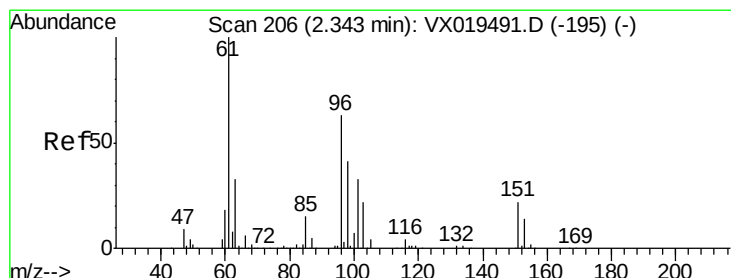
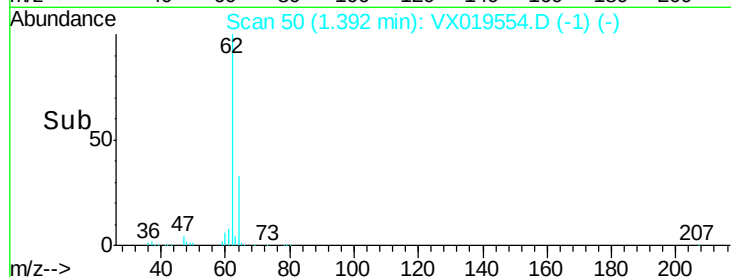
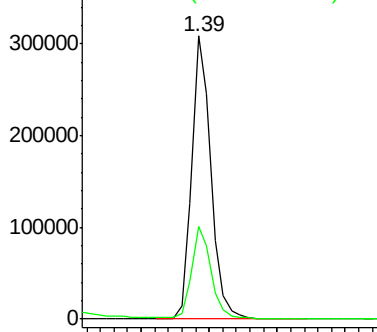
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Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#12

1,1-Dichloroethene

Concen: 1.549 ug/l

RT: 2.34 min Scan# 206

Delta R.T. -0.00 min

Lab File: VX019554.D

Acq: 23 Nov 2020 16:39

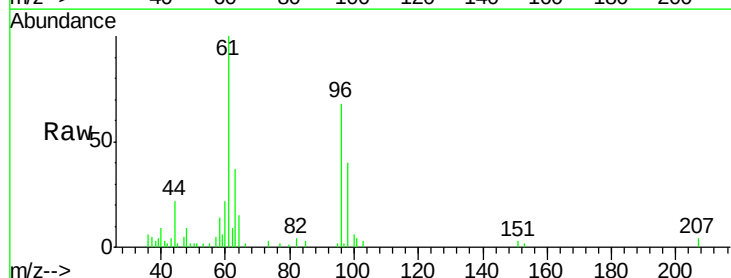
Tgt Ion: 96 Resp: 4632

Ion Ratio Lower Upper

96 100

61 146.2 126.0 189.0

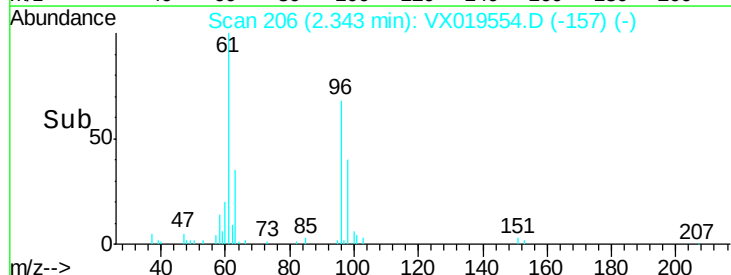
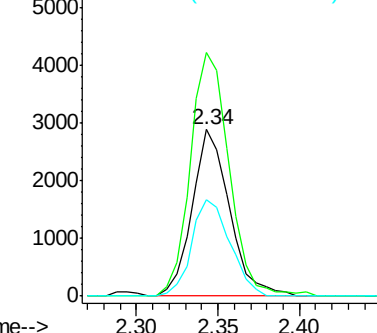
98 58.1 52.0 78.0

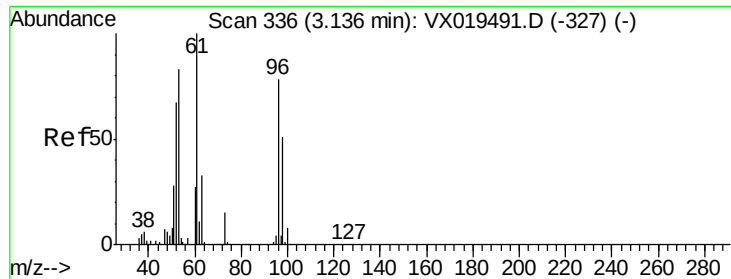


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





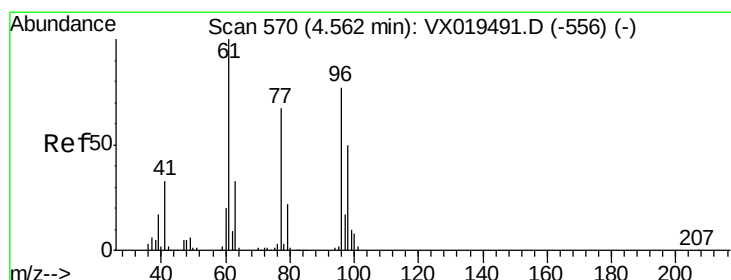
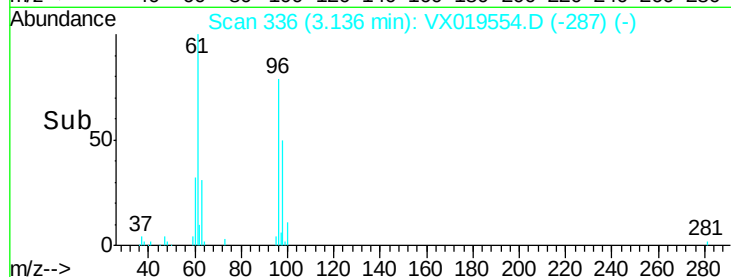
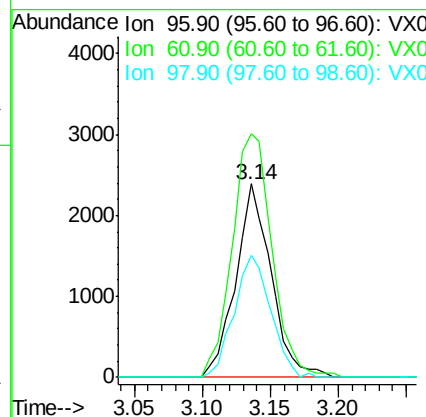
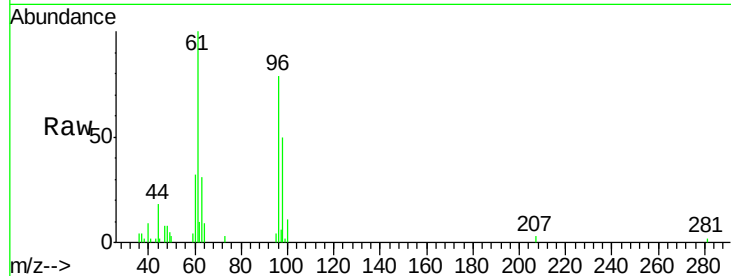
#21
trans-1,2-Dichloroethene
Concen: 1.285 ug/l
RT: 3.14 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX019554.D
Acq: 23 Nov 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
91BR-20201118

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.1	102.9	154.3
98	62.9	52.1	78.1

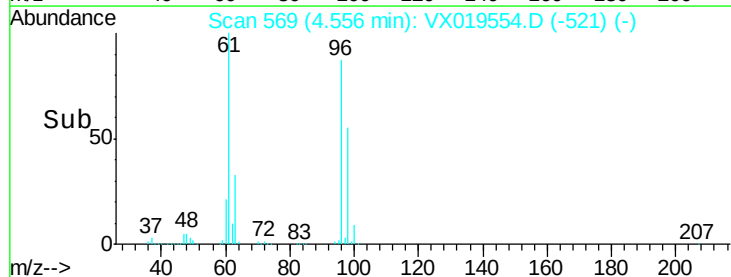
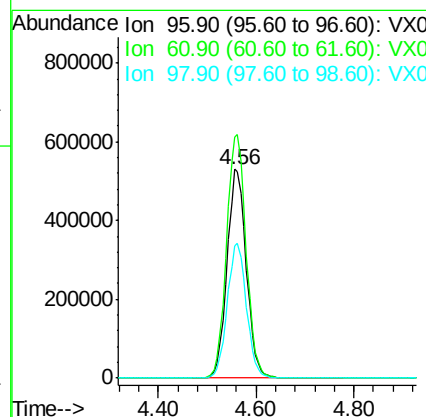
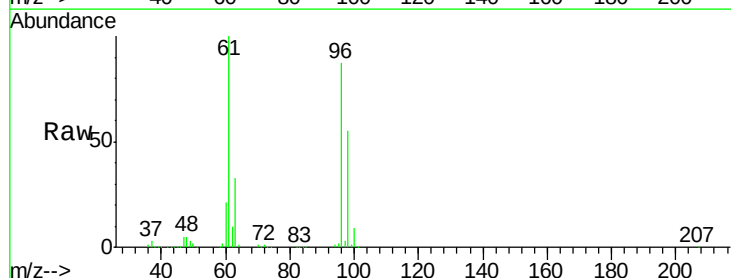
Manual Integrations
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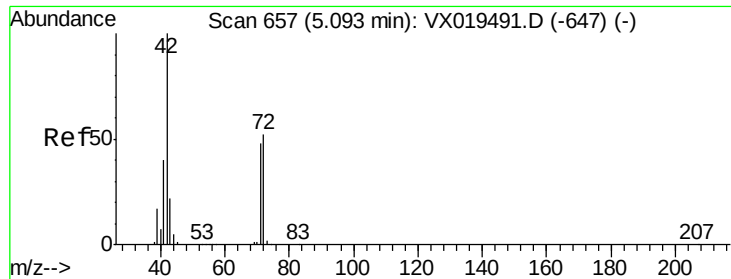
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#27
cis-1,2-Dichloroethene
Concen: 371.405 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019554.D
Acq: 23 Nov 2020 16:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	118.6	0.0	279.2
98	64.3	0.0	129.8





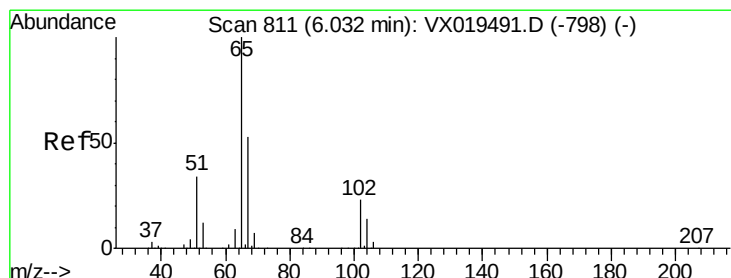
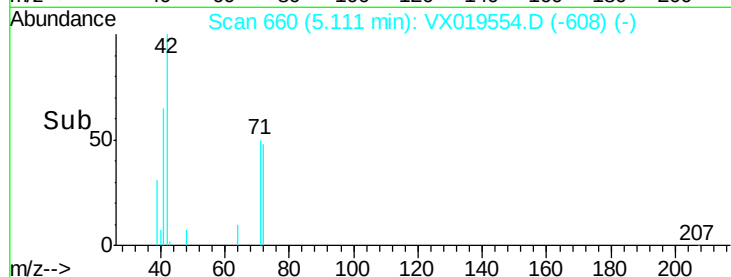
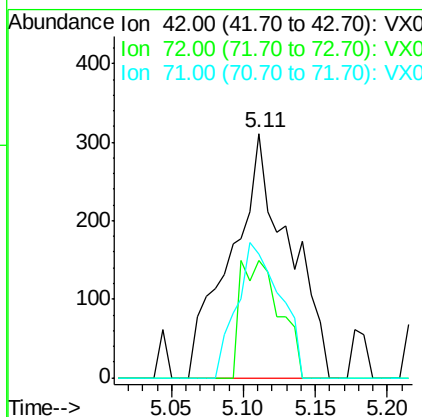
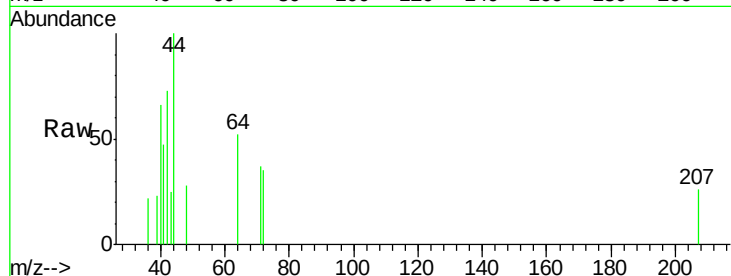
#29
Tetrahydrofuran
Concen: 0.601 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX019554.D
Acq: 23 Nov 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
91BR-20201118

Tot Ion	Ratio	Lower	Upper
42	100		
72	32.5	42.6	63.8#
71	41.3	39.0	58.6

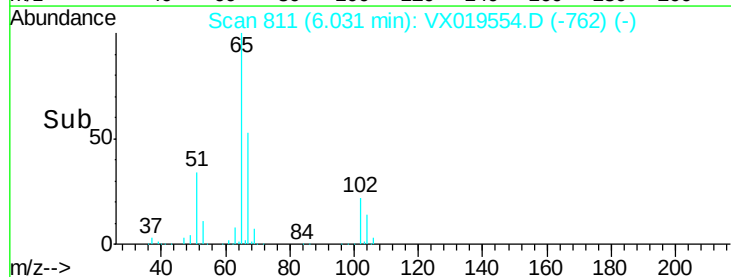
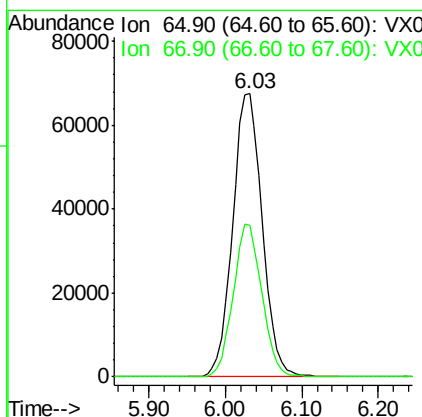
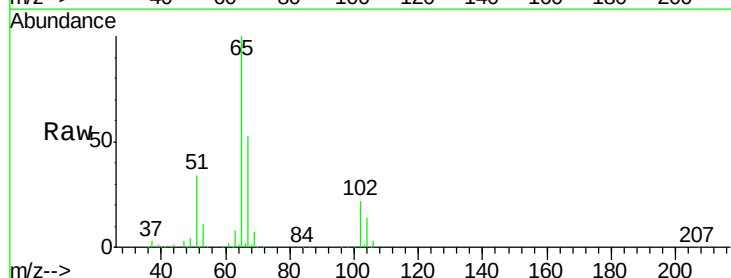
Manual Integrations
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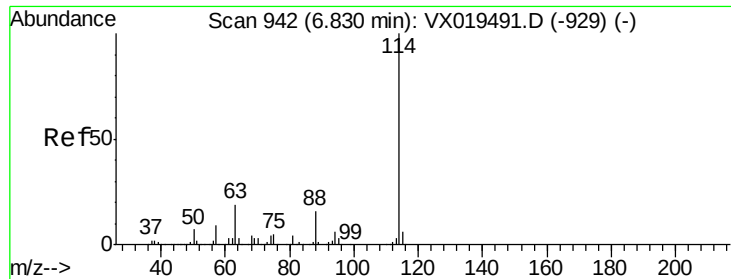
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#33
1,2-Dichloroethane-d4
Concen: 46.190 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019554.D
Acq: 23 Nov 2020 16:39

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: VX019554.D

Acq: 23 Nov 2020 16:39

Instrument :

MSVOA_X

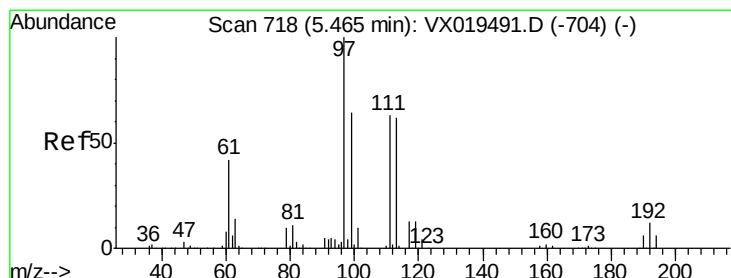
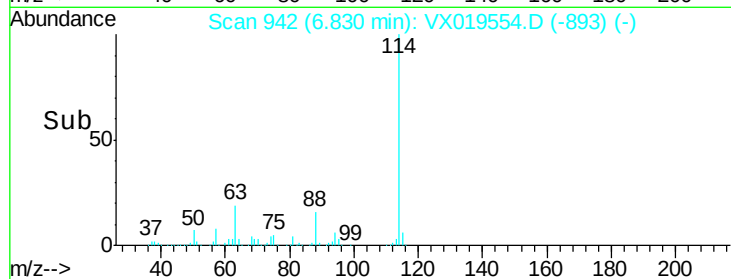
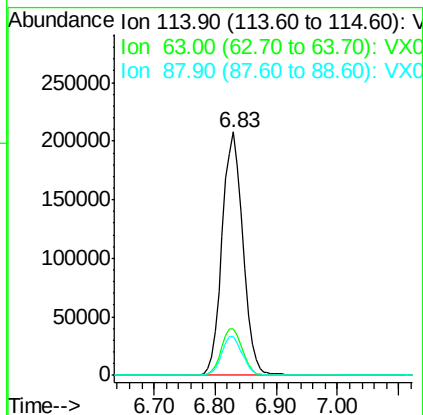
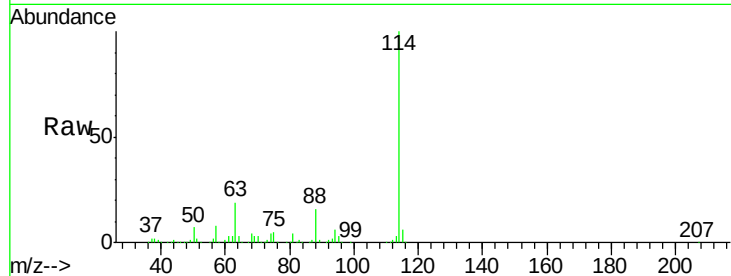
ClientSampleId :

91BR-20201118

Tot Ion:	114	Resp:	490239
Ion Ratio		Lower	Upper
114	100		
63	19.3	0.0	38.8
88	15.9	0.0	31.6

Manual Integrations
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#35

Dibromofluoromethane

Concen: 46.895 ug/l

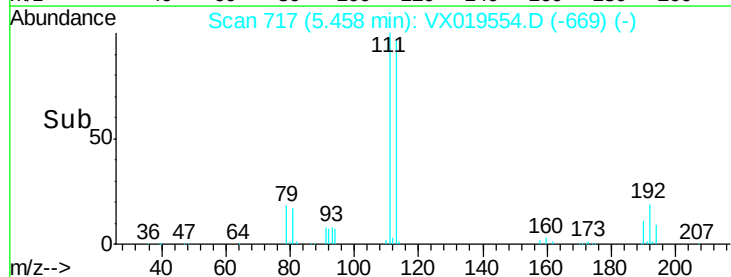
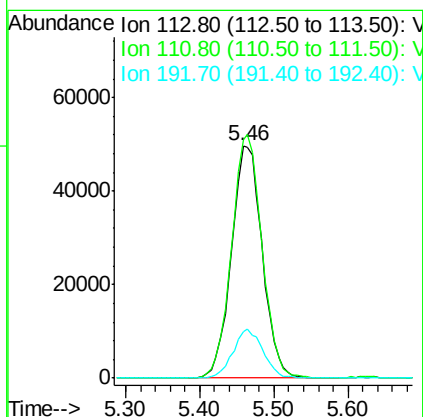
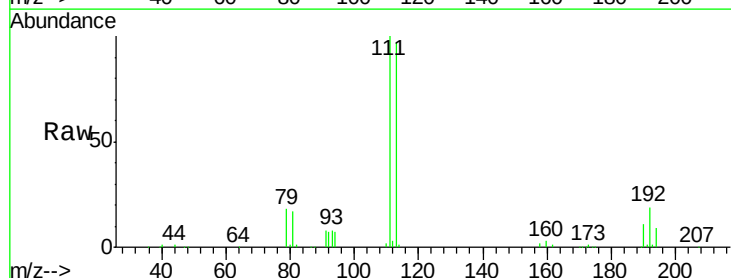
RT: 5.46 min Scan# 717

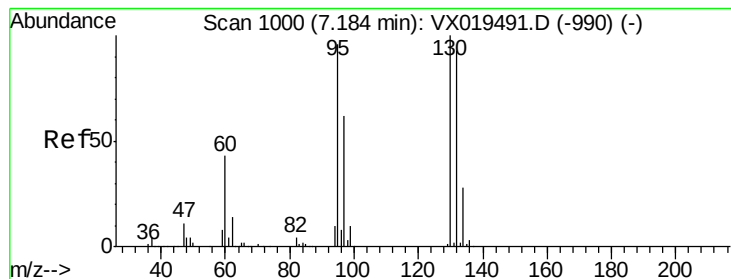
Delta R.T. -0.01 min

Lab File: VX019554.D

Acq: 23 Nov 2020 16:39

Tgt Ion:	113	Resp:	144308
Ion Ratio		Lower	Upper
113	100		
111	103.0	81.5	122.3
192	20.6	16.2	24.2





#44

Trichloroethene

Concen: 35.897 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019554.D

Acq: 23 Nov 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

91BR-20201118

Tot Ion:130 Resp: 132778

Ion Ratio Lower Upper

130 100

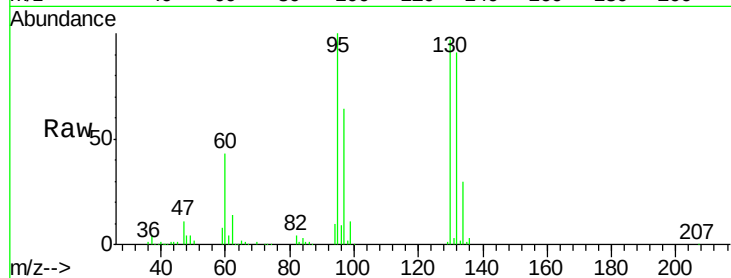
95 102.8 0.0 191.2

Manual Integrations

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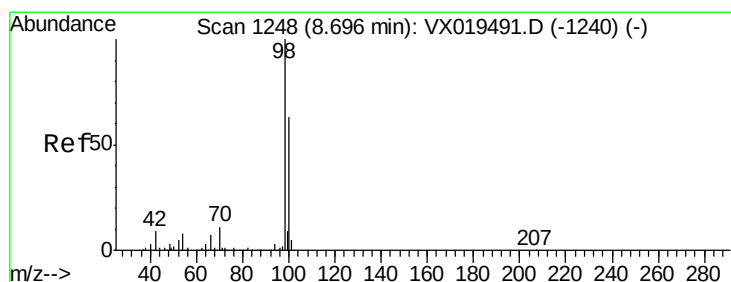
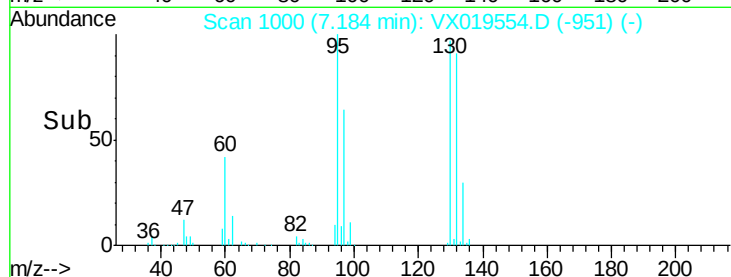
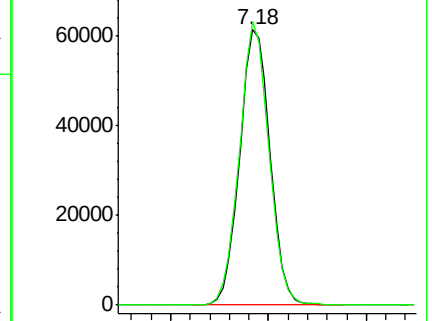
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 47.258 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019554.D

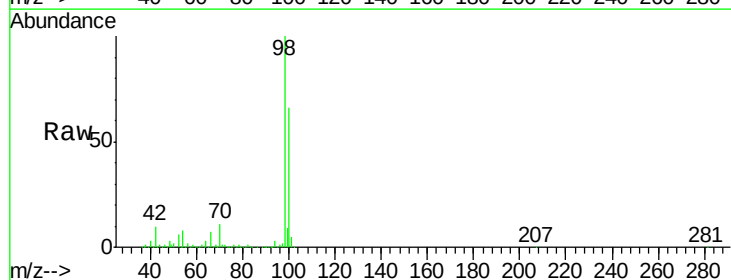
Acq: 23 Nov 2020 16:39

Tgt Ion: 98 Resp: 565105

Ion Ratio Lower Upper

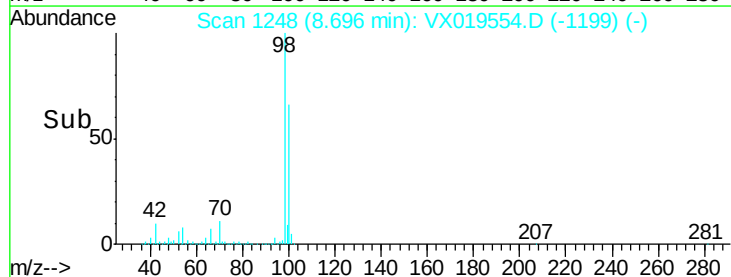
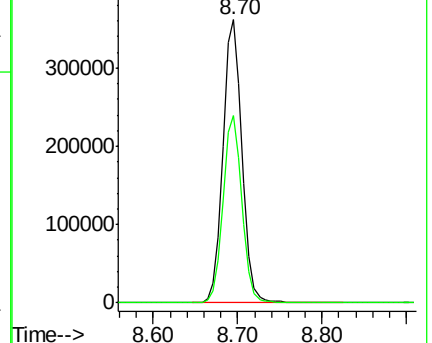
98 100

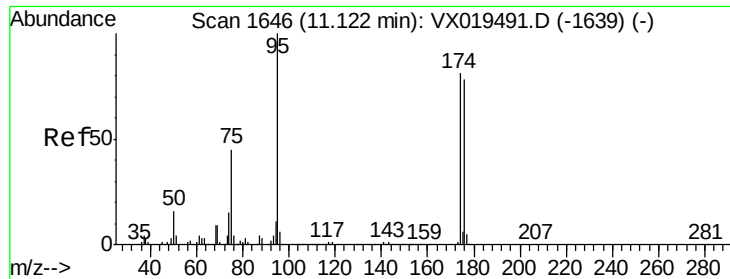
100 65.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





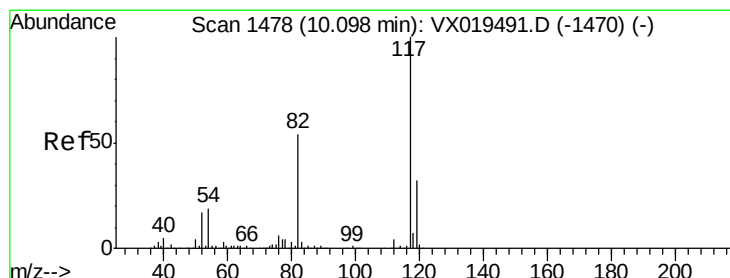
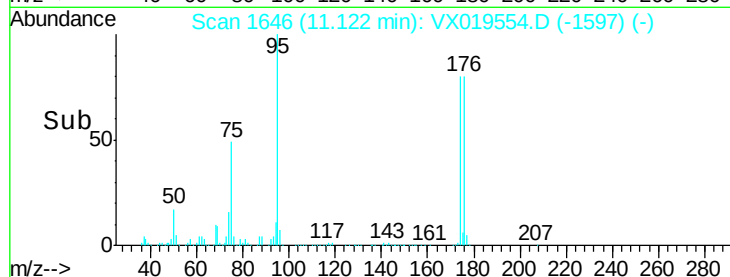
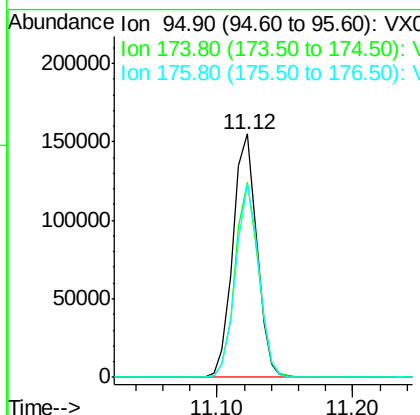
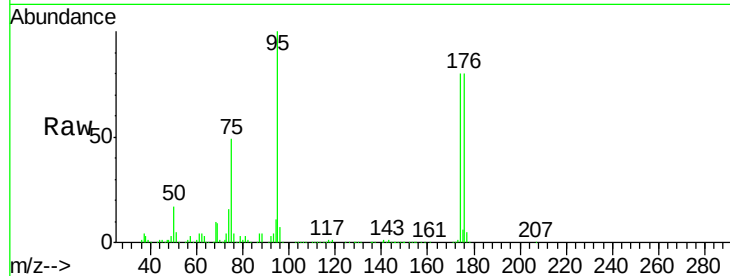
#62
4-Bromofluorobenzene
Concen: 44.435 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019554.D
Acq: 23 Nov 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
91BR-20201118

Tot Ion	Ratio	Resp	Lower	Upper
95	100	191171		
174	78.2	0.0	156.2	
176	76.8	0.0	151.4	

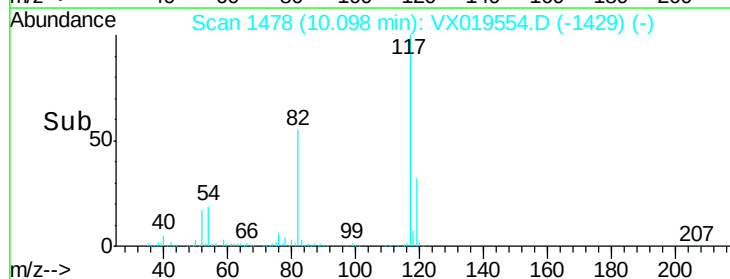
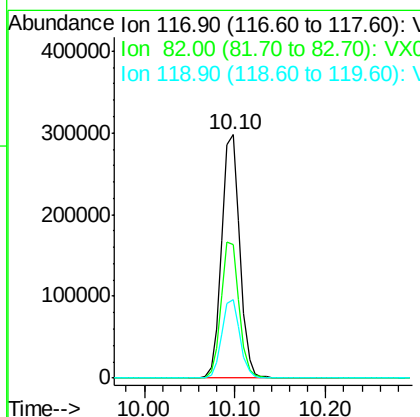
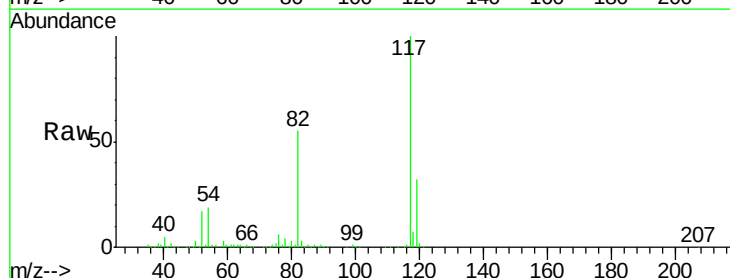
Manual Integrations
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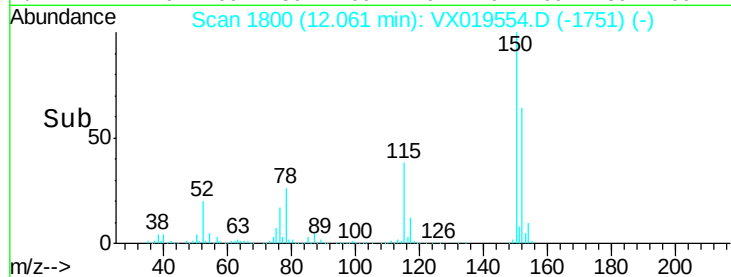
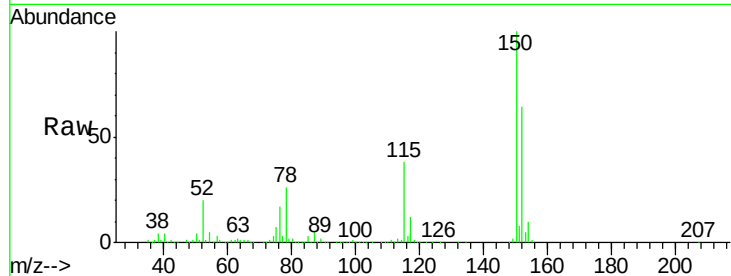
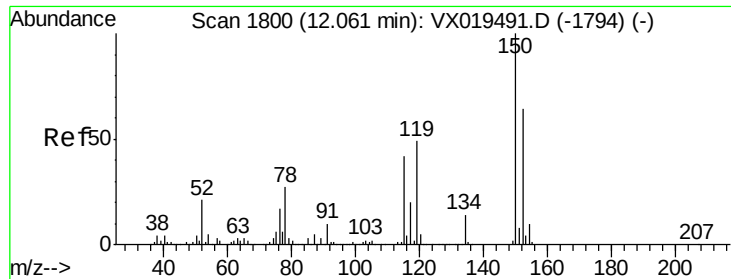
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019554.D
Acq: 23 Nov 2020 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	414615		
82	54.7	43.0	64.4	
119	32.1	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: VX019554.D

Acq: 23 Nov 2020 16:39

Tot Ion	Ratio	Resp	Lower	Upper
152	100	175812		
115	59.6	41.8	125.4	
150	156.4	0.0	348.2	

Instrument :

MSVOA_X

ClientSampleId :

91BR-20201118

Manual Integrations
APPROVED

MMDadoda
11/24/2020 2:59:47 PM

