

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121420\
 Data File : VX019986.D
 Acq On : 14 Dec 2020 15:05
 Operator : JC/MD
 Sample : L5052-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-6778-121020

Quant Time: Dec 15 14:50:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	306055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	511303	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	472666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209594	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	198585	49.37	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.74%
35) Dibromofluoromethane	5.46	113	160156	48.47	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.94%
50) Toluene-d8	8.70	98	620106	49.15	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.30%
62) 4-Bromofluorobenzene	11.12	95	221458	46.12	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.24%

Target Compounds

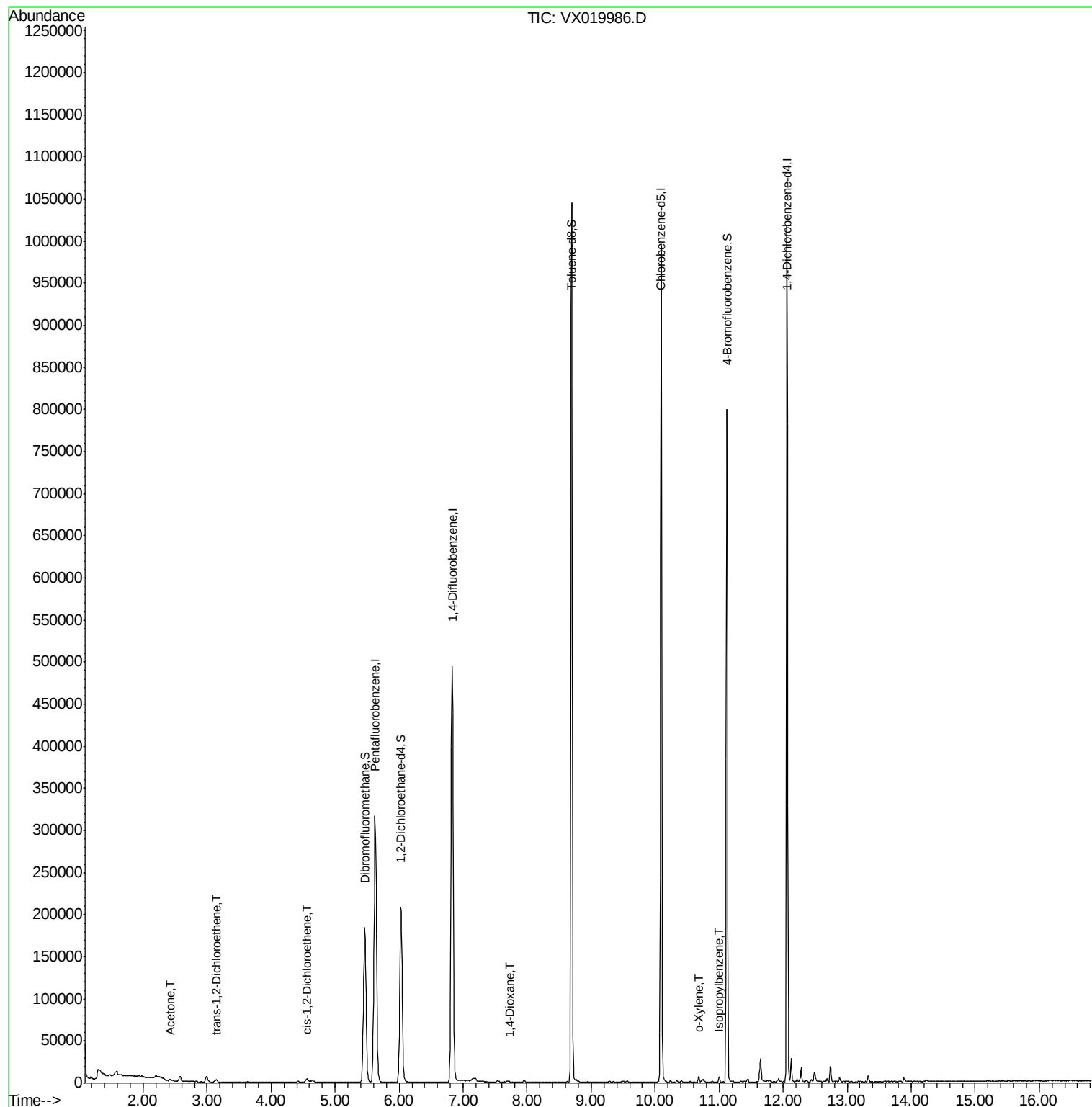
					Qvalue
16) Acetone	2.42	43	1582	1.046	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	1152	0.352	ug/l 94
27) cis-1,2-Dichloroethene	4.56	96	2554	0.668	ug/l 81
49) 1,4-Dioxane	7.72	88	225	2.490	ug/l # 92
69) o-Xylene	10.68	106	1341	0.221	ug/l 90
73) Isopropylbenzene	11.00	105	3187	0.223	ug/l 95

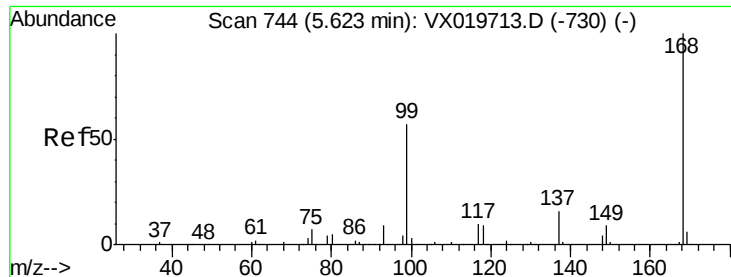
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TU032-32-6778-121020

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX019986.D

Acq: 14 Dec 2020 15:05

Instrument :

MSVOA_X

ClientSampleId :

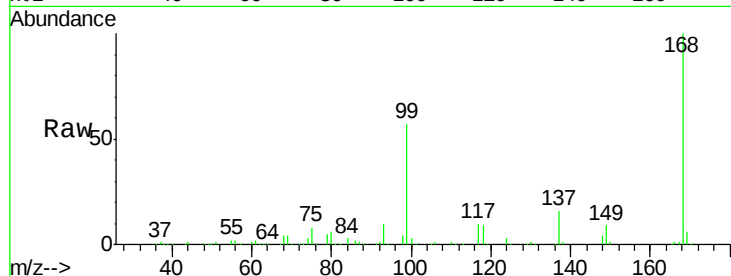
TU032-32-6778-121020

Tot Ion:168 Resp: 306055

Ion Ratio Lower Upper

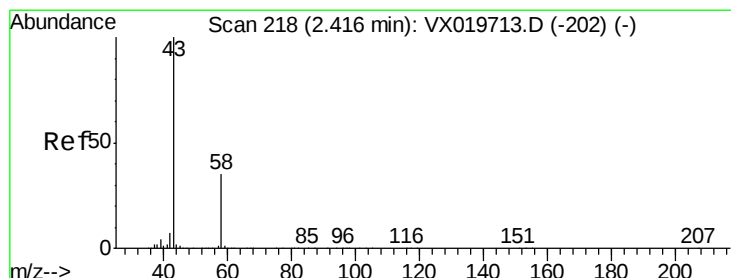
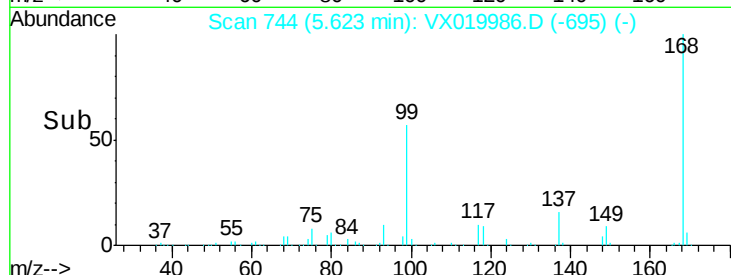
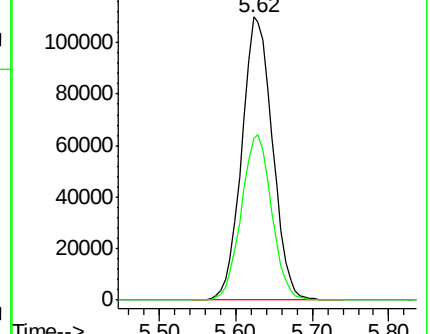
168 100

99 57.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 1.046 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019986.D

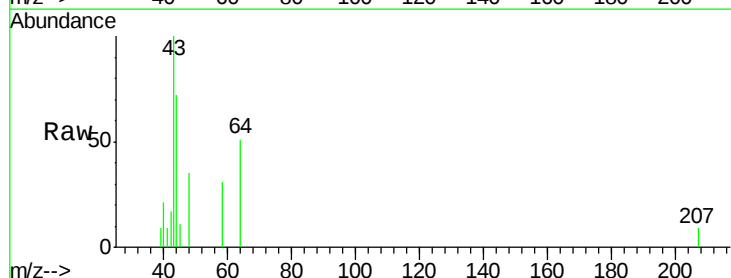
Acq: 14 Dec 2020 15:05

Tgt Ion: 43 Resp: 1582

Ion Ratio Lower Upper

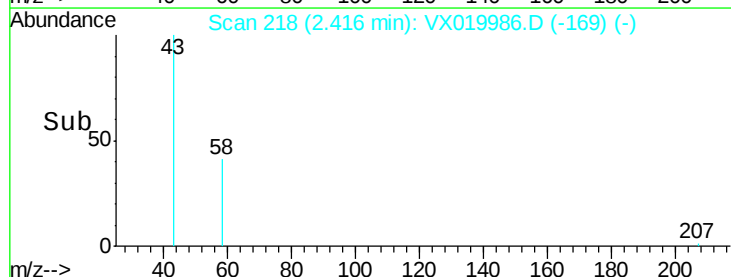
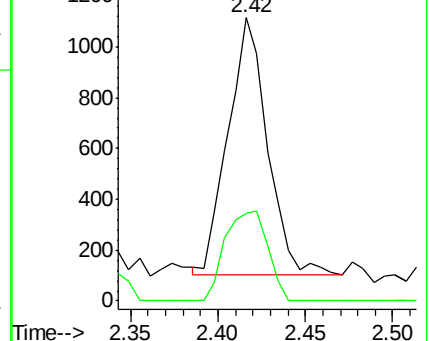
43 100

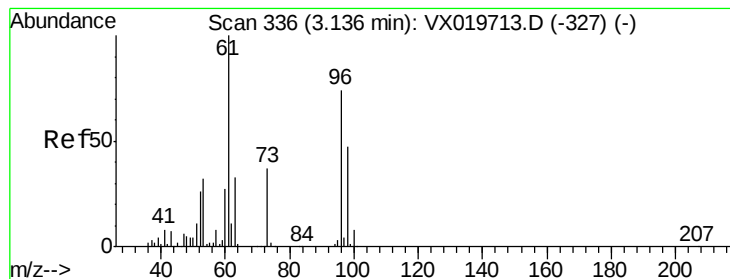
58 34.2 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.352 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019986.D

Acq: 14 Dec 2020 15:05

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-6778-121020

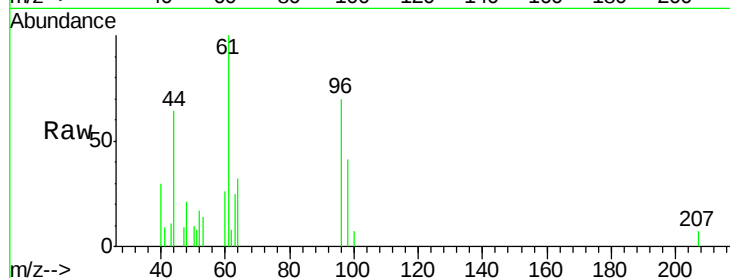
Tot Ion: 96 Resp: 1152

Ion Ratio Lower Upper

96 100

61 142.5 107.7 161.5

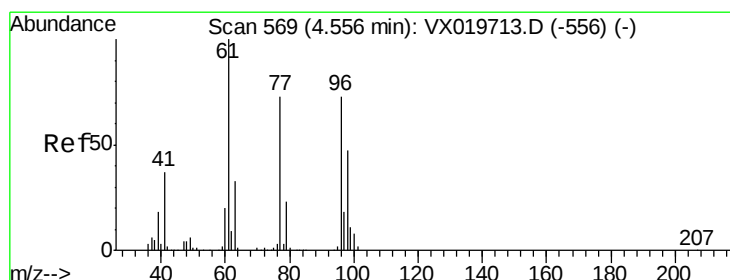
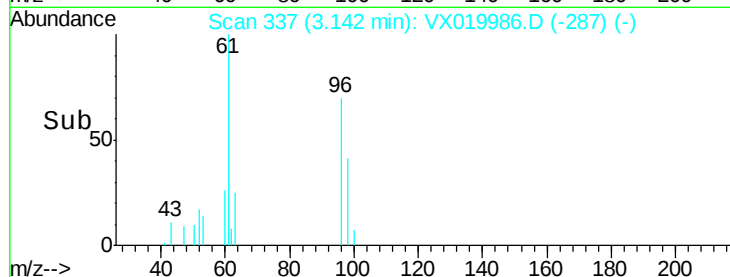
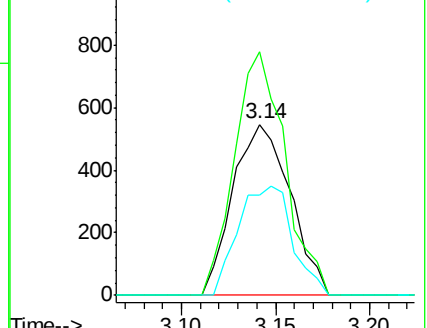
98 58.6 50.4 75.6



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



#27

cis-1,2-Dichloroethene

Concen: 0.668 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX019986.D

Acq: 14 Dec 2020 15:05

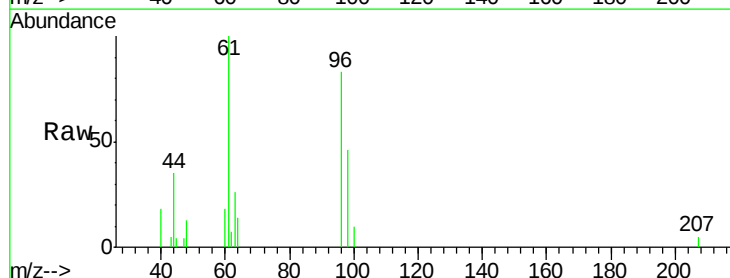
Tgt Ion: 96 Resp: 2554

Ion Ratio Lower Upper

96 100

61 176.0 0.0 285.6

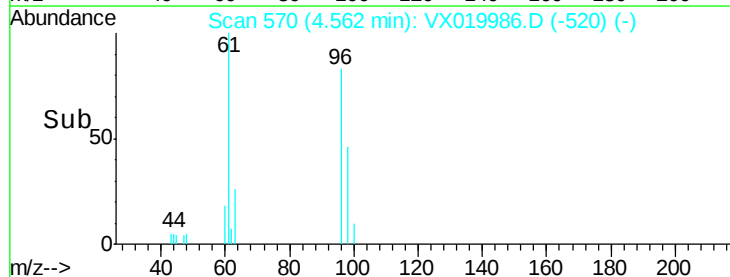
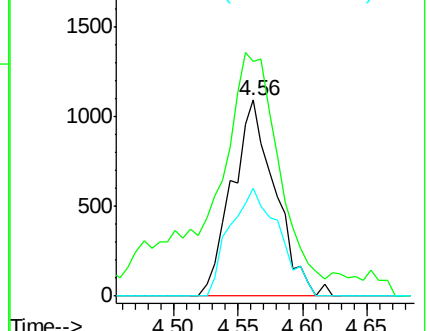
98 63.3 0.0 129.6

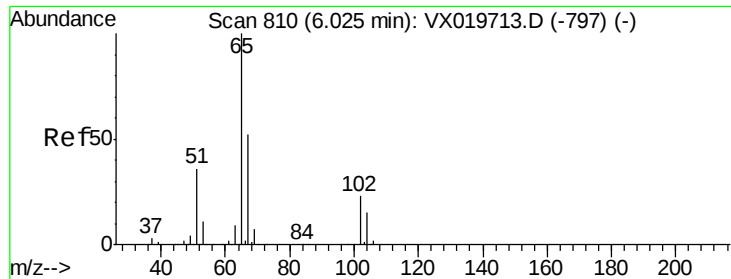


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

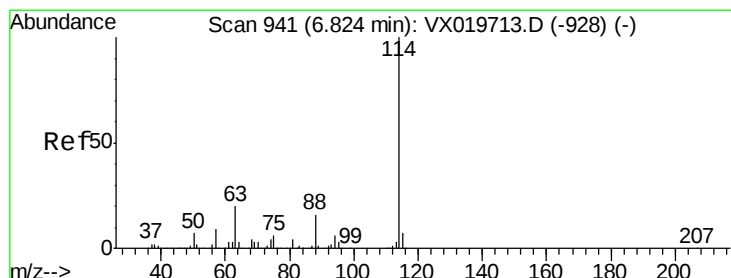
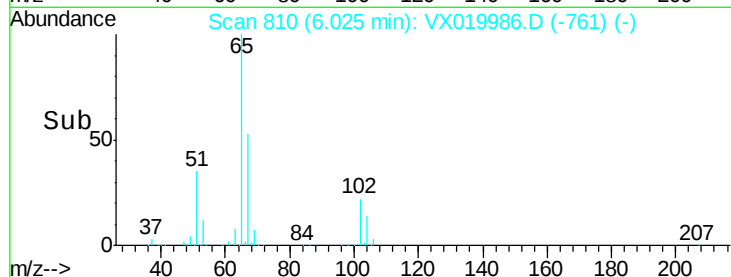
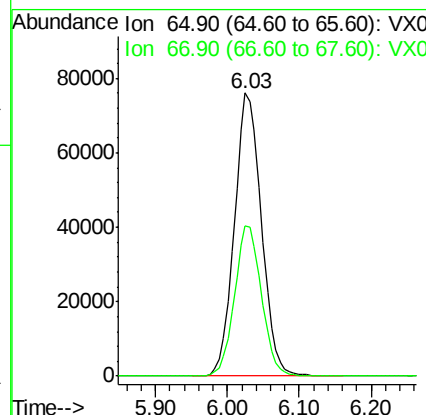
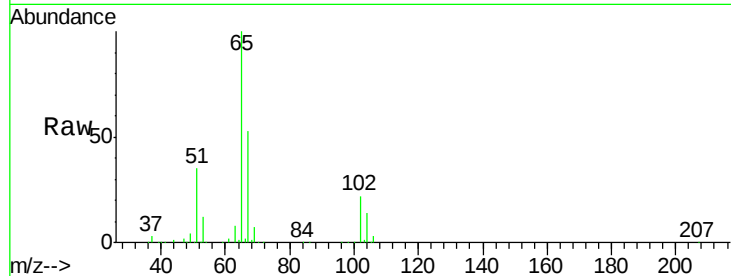




#33
 1,2-Dichloroethane-d4
 Concen: 49.369 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019986.D
 Acq: 14 Dec 2020 15:05

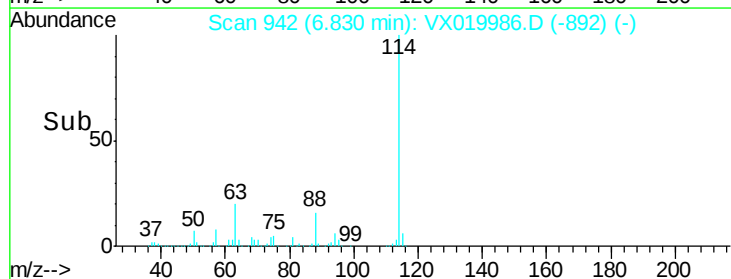
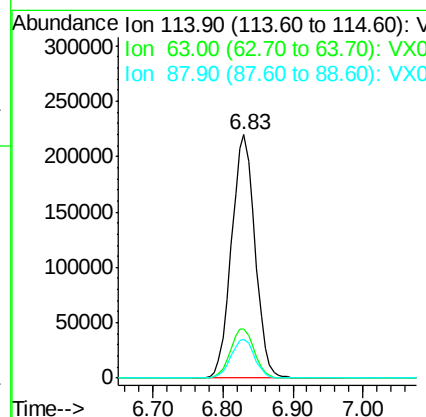
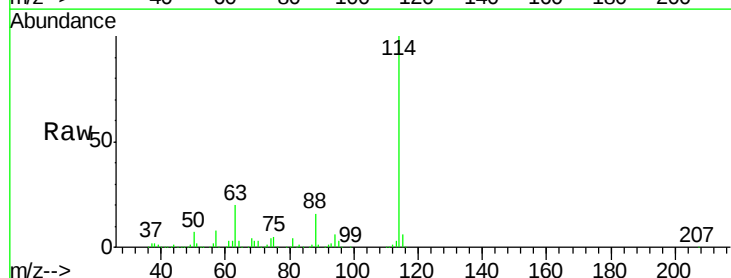
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-6778-121020

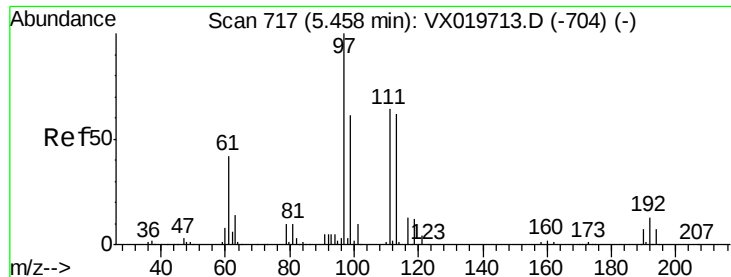
Tot Ion: 65 Resp: 198585
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019986.D
 Acq: 14 Dec 2020 15:05

Tgt Ion: 114 Resp: 511303
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 16.0 0.0 32.8

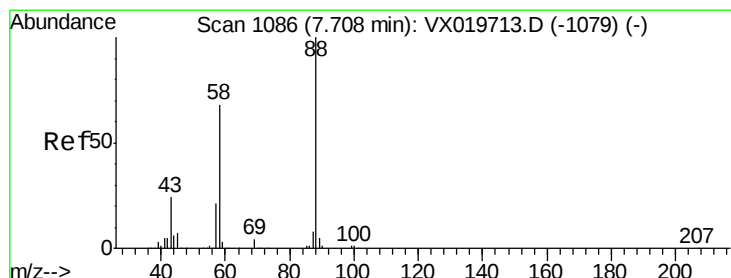
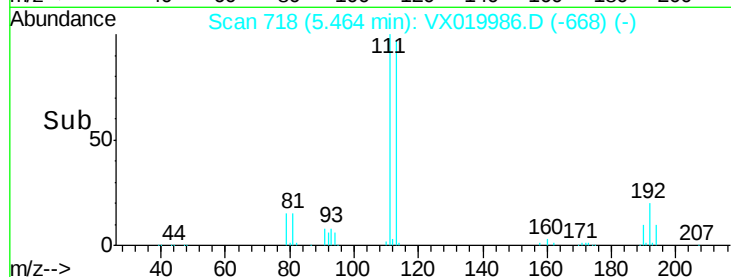
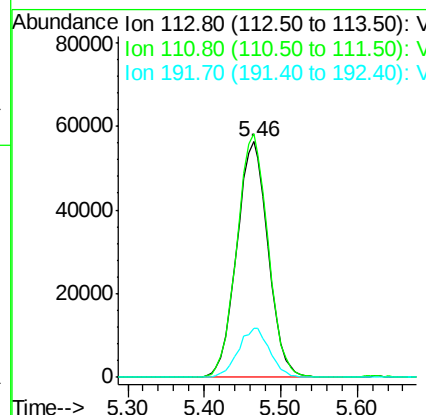
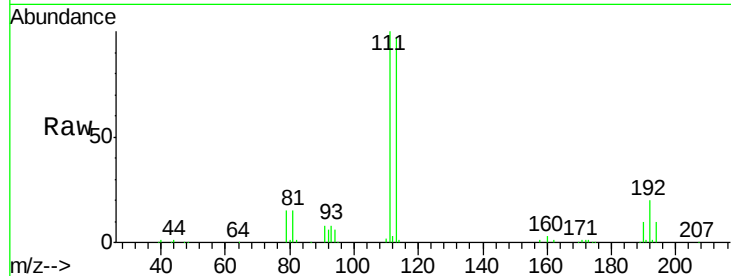




#35
 Dibromofluoromethane
 Concen: 48.466 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019986.D
 Acq: 14 Dec 2020 15:05

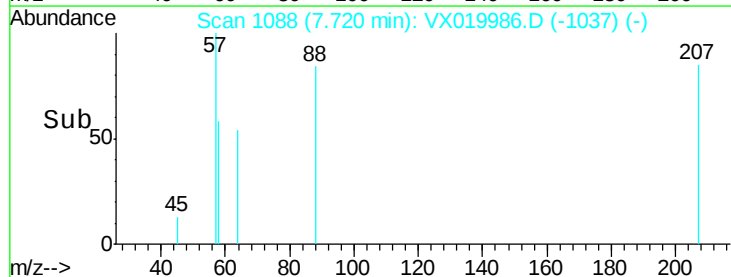
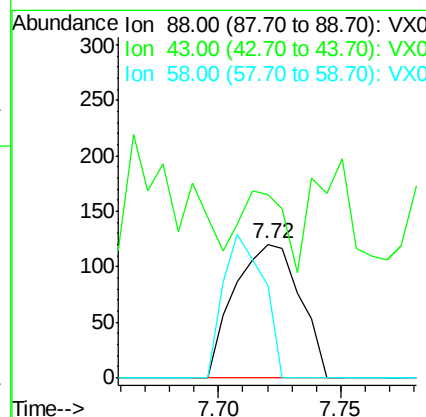
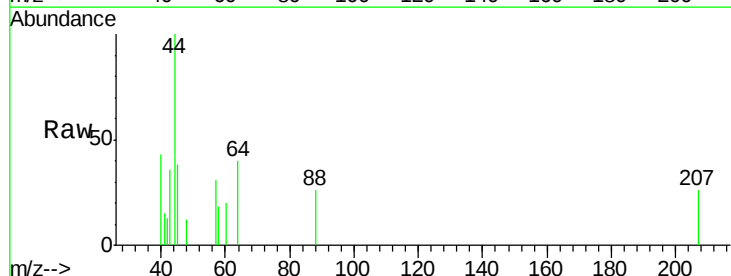
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-6778-121020

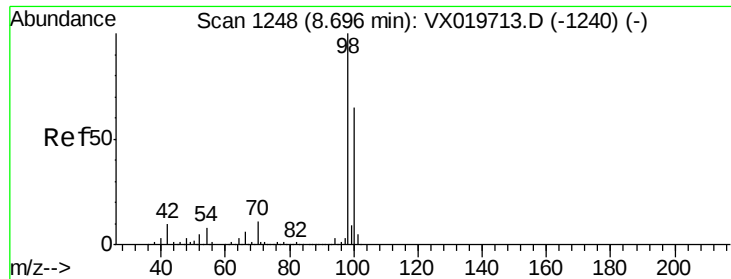
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	20.7	16.7	25.1



#49
 1,4-Dioxane
 Concen: 2.490 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX019986.D
 Acq: 14 Dec 2020 15:05

Tgt Ion	Ratio	Lower	Upper
88	100		
43	39.6	23.2	34.8#
58	65.8	55.0	82.4

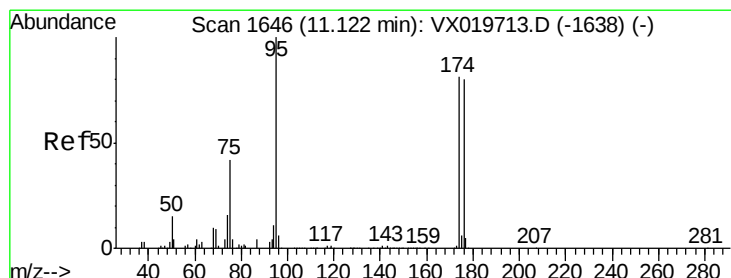
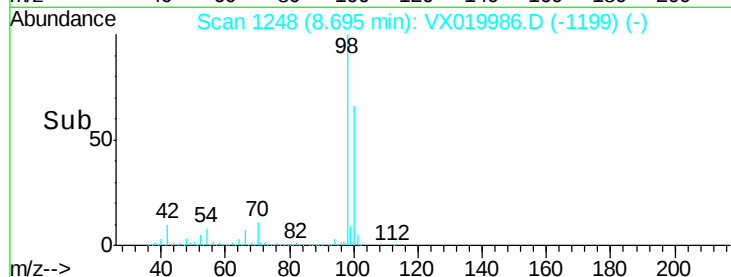
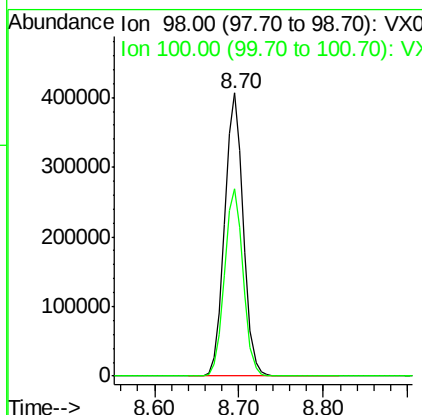
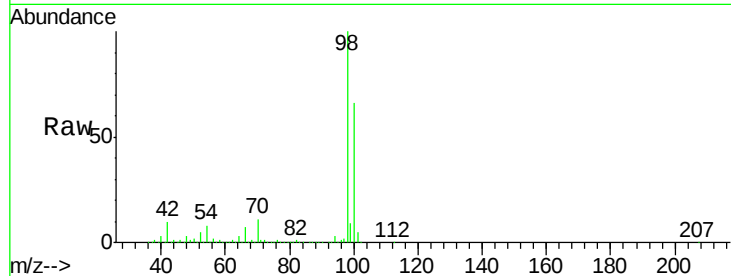




#50
Toluene-d8
Concen: 49.154 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019986.D
Acq: 14 Dec 2020 15:05

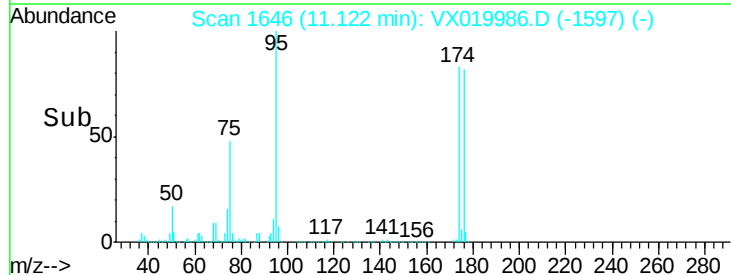
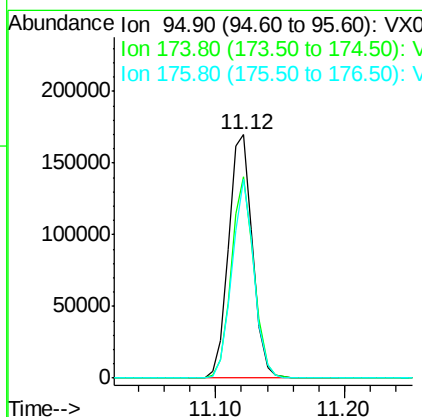
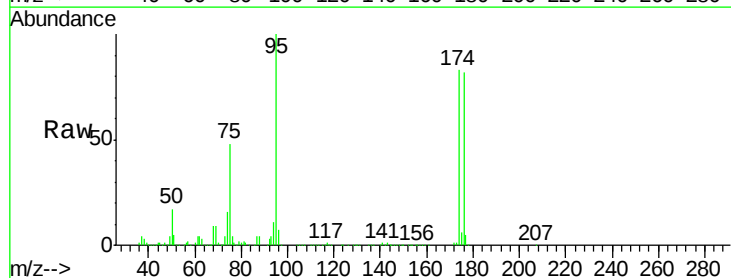
Instrument :
MSVOA_X
ClientSampleId :
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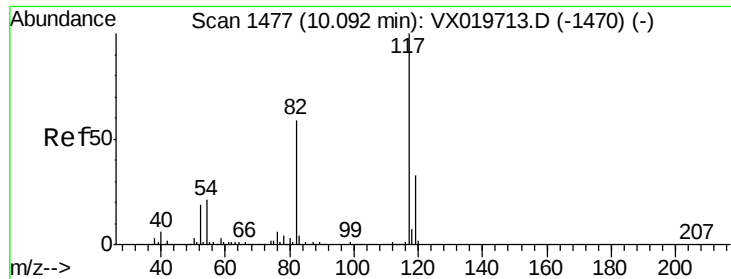
Tot Ion: 98 Resp: 620106
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.121 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019986.D
Acq: 14 Dec 2020 15:05

Tgt Ion: 95 Resp: 221458
Ion Ratio Lower Upper
95 100
174 78.2 0.0 154.6
176 74.9 0.0 155.8

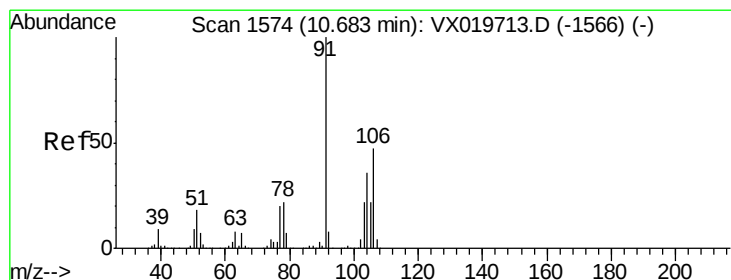
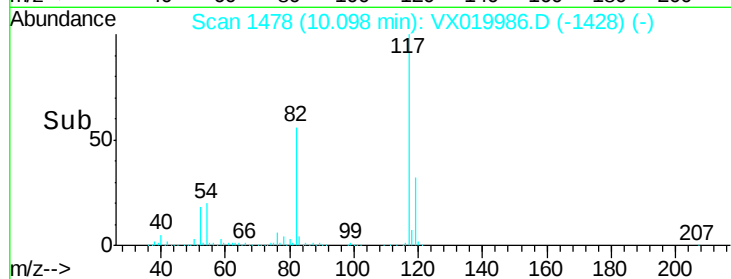
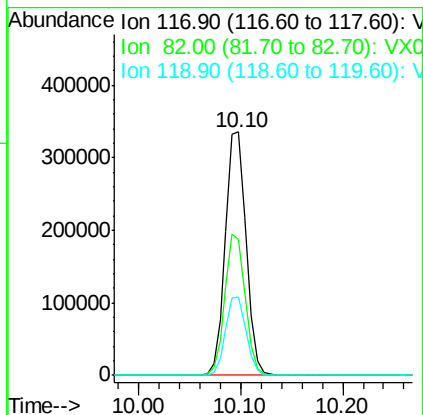
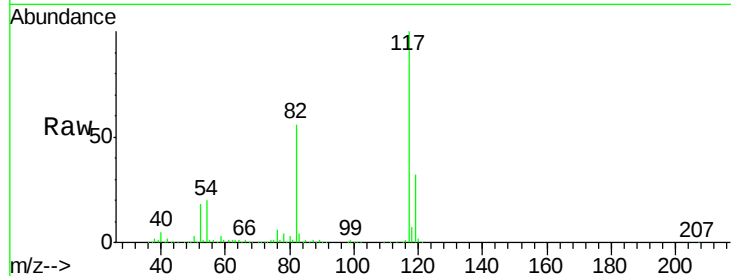




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019986.D
Acq: 14 Dec 2020 15:05

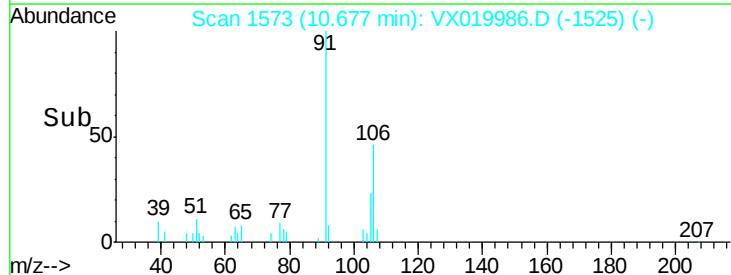
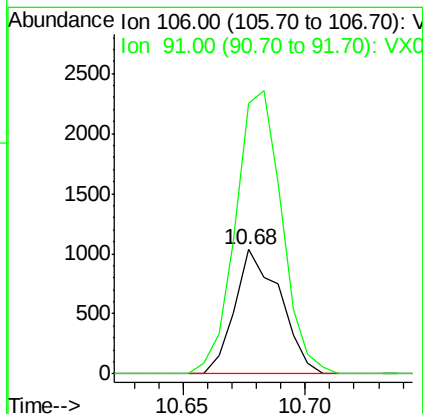
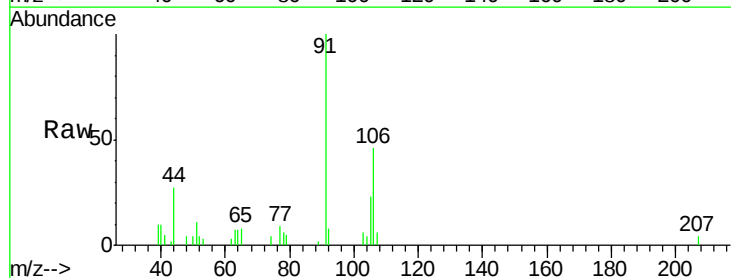
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MSVOA_X
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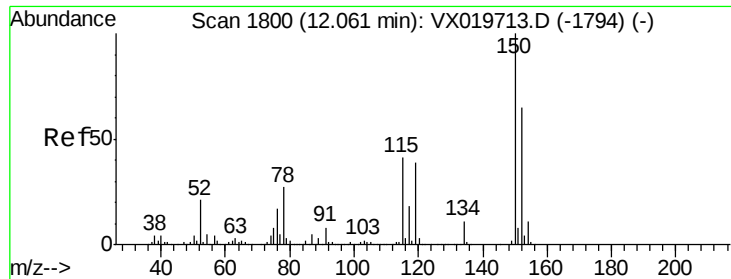
Tot Ion:117 Resp: 472666
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 32.3 26.6 39.8



#69
o-Xylene
Concen: 0.221 ug/l
RT: 10.68 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VX019986.D
Acq: 14 Dec 2020 15:05

Tgt Ion:106 Resp: 1341
Ion Ratio Lower Upper
106 100
91 231.7 108.1 324.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019986.D

Acq: 14 Dec 2020 15:05

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-6778-121020

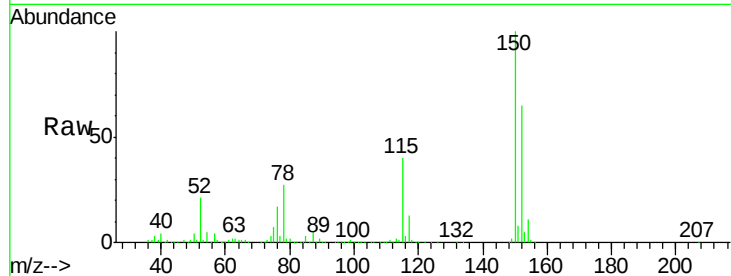
Tot Ion:152 Resp: 209594

Ion Ratio Lower Upper

152 100

115 61.2 41.1 123.3

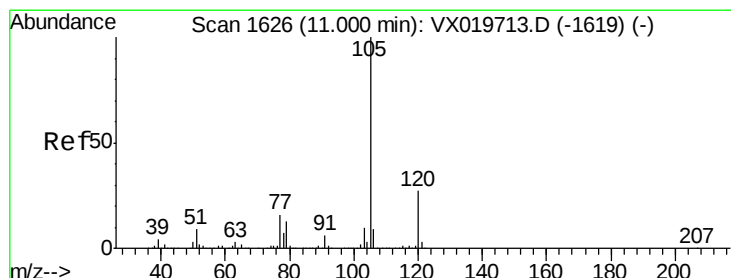
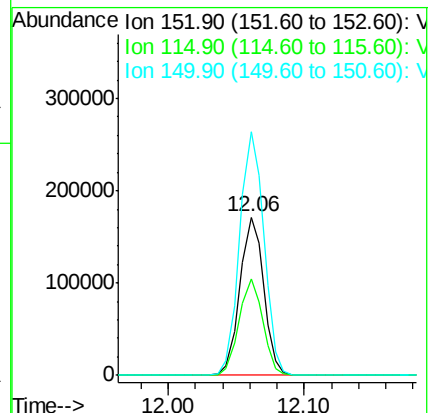
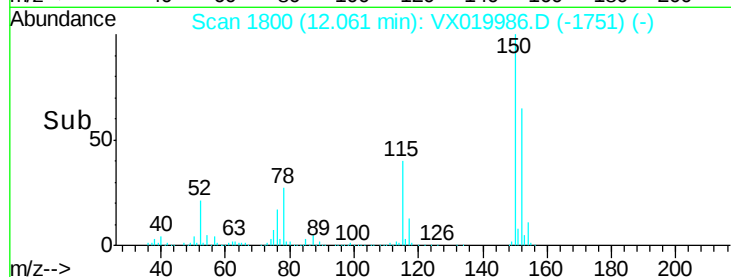
150 157.1 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.223 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019986.D

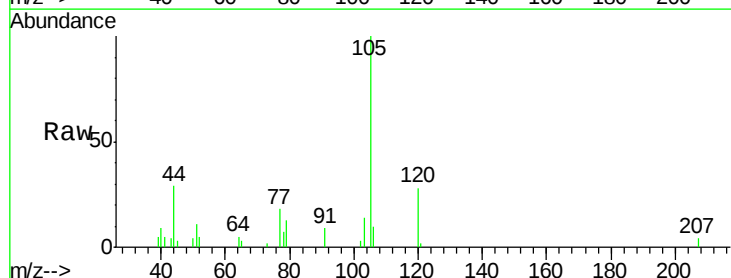
Acq: 14 Dec 2020 15:05

Tgt Ion:105 Resp: 3187

Ion Ratio Lower Upper

105 100

120 29.2 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

