

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019826.D
 Acq On : 10 Dec 2020 15:30
 Operator : JC/MD
 Sample : L4996-13DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20201207DL

Quant Time: Dec 11 01:59:45 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	5.63	168	327282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	536401	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	478316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197636	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	202151	47.00	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.00%	
35) Dibromofluoromethane		5.46	113	164193	47.36	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.72%	
50) Toluene-d8		8.70	98	645449	48.77	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.54%	
62) 4-Bromofluorobenzene		11.12	95	218243	43.32	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.64%	

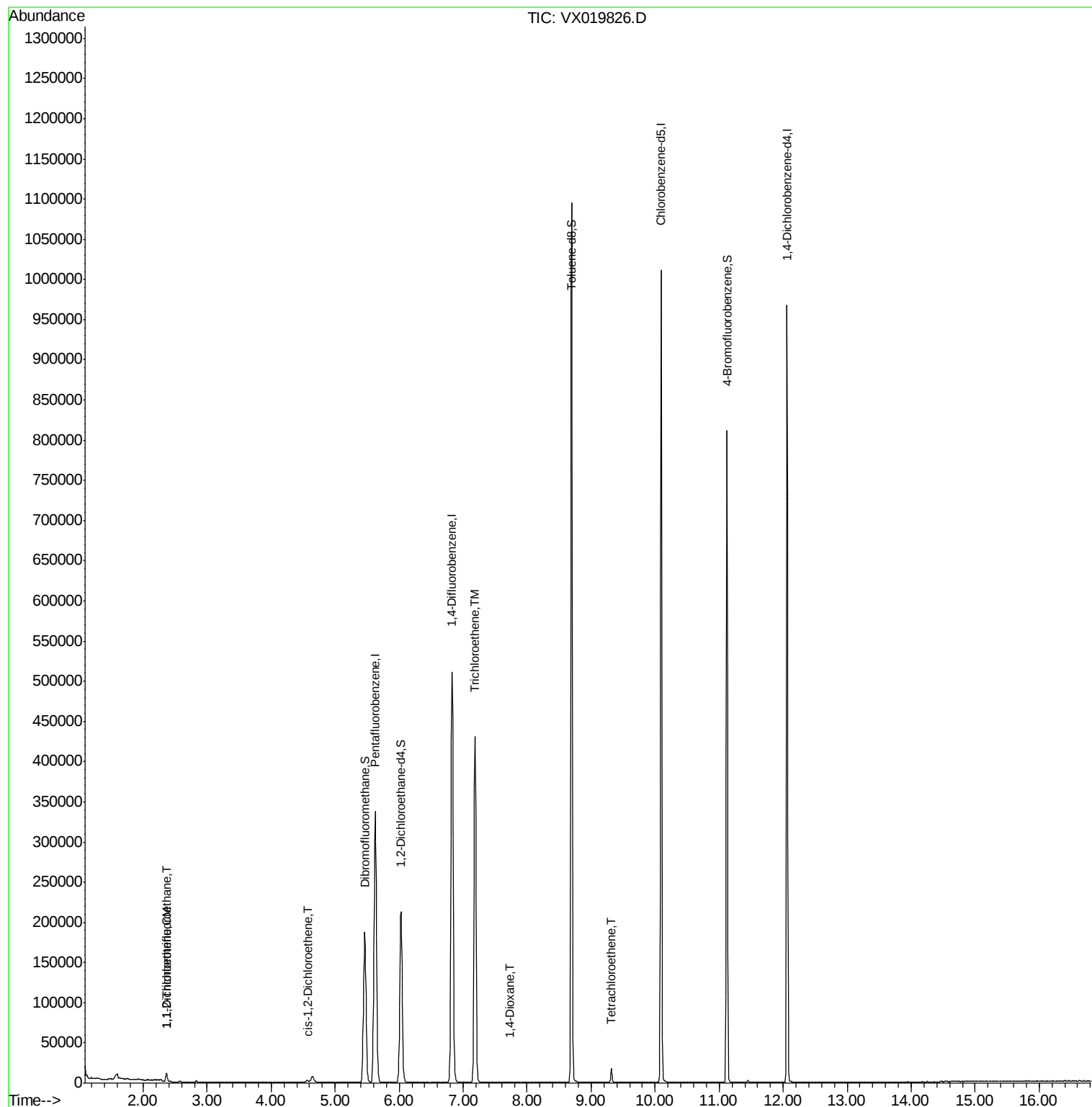
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.37	101	4101	1.383	ug/l	96
12) 1,1-Dichloroethene	2.36	96	791	0.264	ug/l	84
27) cis-1,2-Dichloroethene	4.57	96	1873	0.458	ug/l	98
44) Trichloroethene	7.19	130	170404	43.864	ug/l	99
49) 1,4-Dioxane	7.73	88	410	4.325	ug/l #	86
64) Tetrachloroethene	9.32	164	3548	1.106	ug/l	95

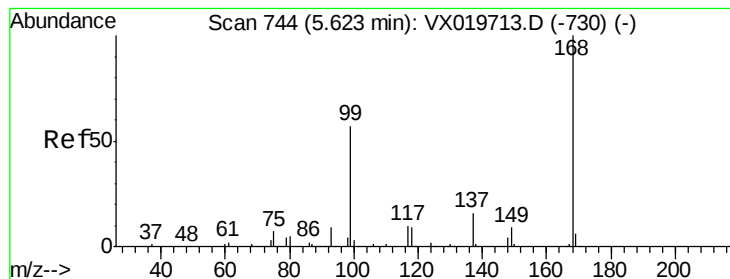
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121020\
Data File : VX019826.D
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Quant Time: Dec 11 01:59:45 2020
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: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019826.D

Acq: 10 Dec 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

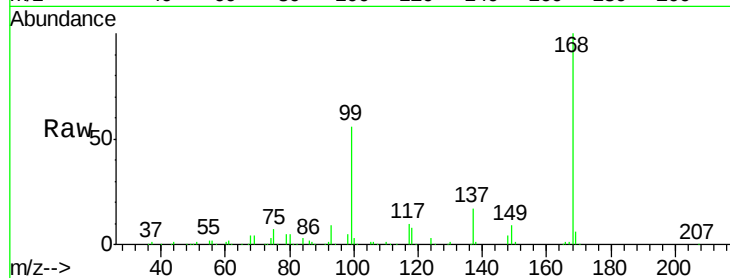
RE132D4-20201207DL

Tot Ion:168 Resp: 327282

Ion Ratio Lower Upper

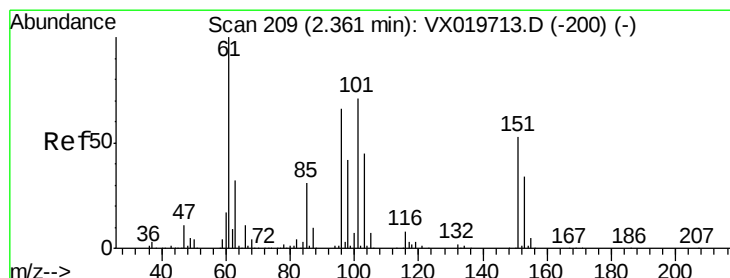
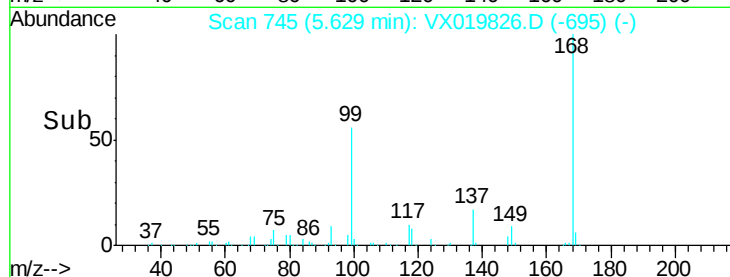
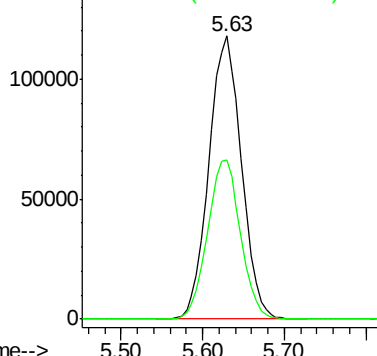
168 100

99 56.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.383 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX019826.D

Acq: 10 Dec 2020 15:30

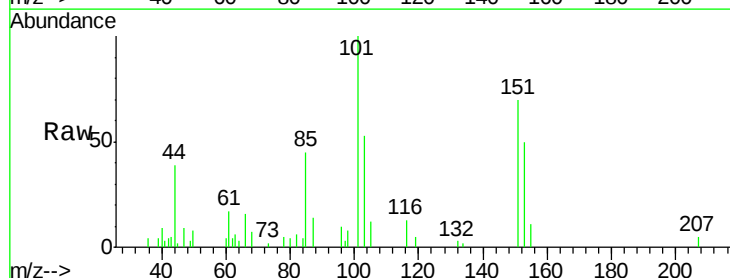
Tgt Ion:101 Resp: 4101

Ion Ratio Lower Upper

101 100

85 43.1 34.9 52.3

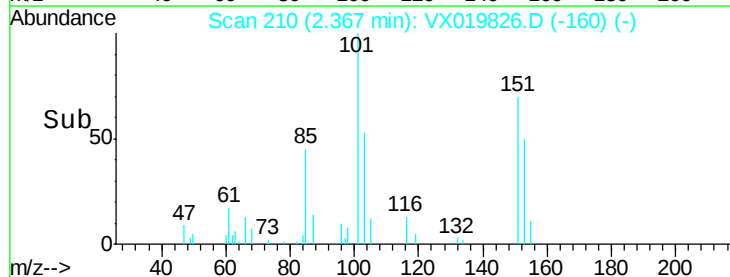
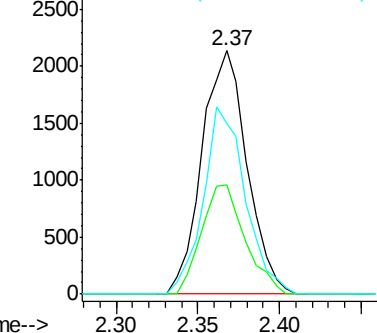
151 71.7 61.4 92.2

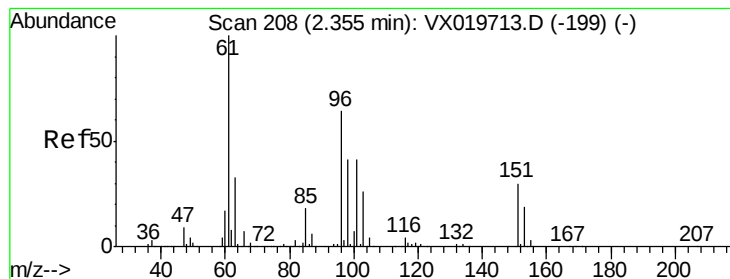


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 0.264 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019826.D

Acq: 10 Dec 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20201207DL

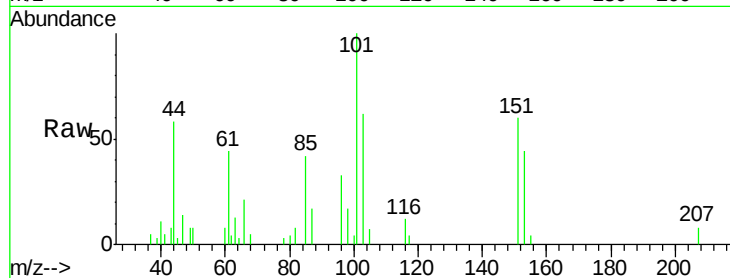
Tot Ion: 96 Resp: 791

Ion Ratio Lower Upper

96 100

61 133.9 124.6 187.0

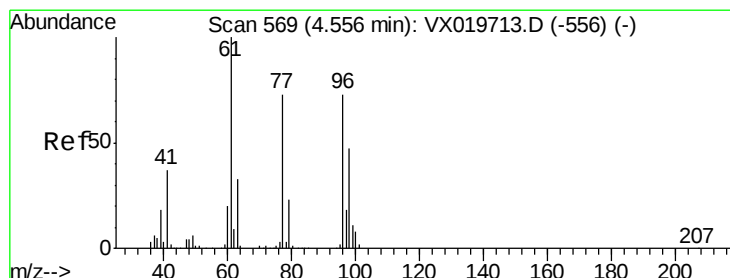
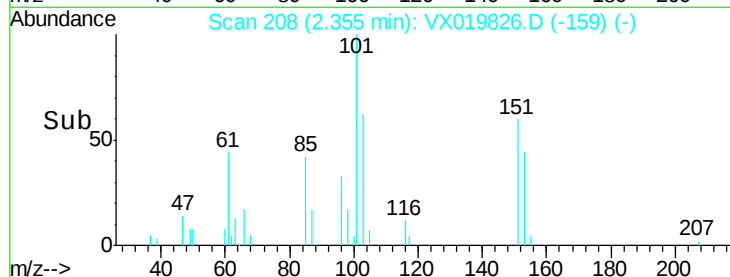
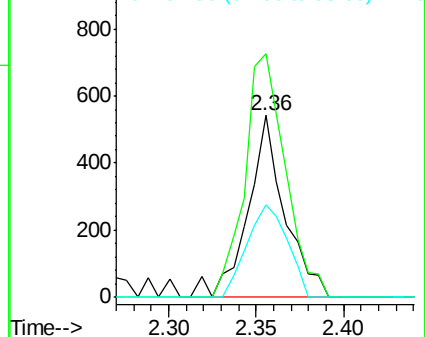
98 51.1 50.6 76.0



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



#27

cis-1,2-Dichloroethene

Concen: 0.458 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX019826.D

Acq: 10 Dec 2020 15:30

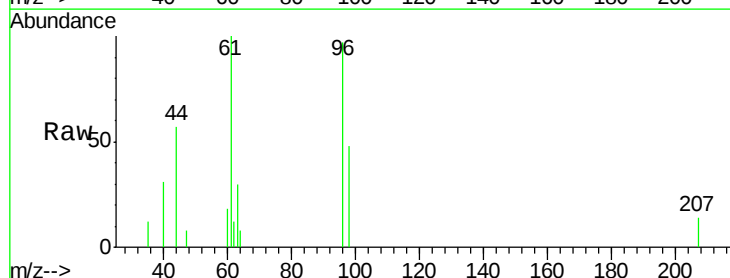
Tgt Ion: 96 Resp: 1873

Ion Ratio Lower Upper

96 100

61 142.2 0.0 285.6

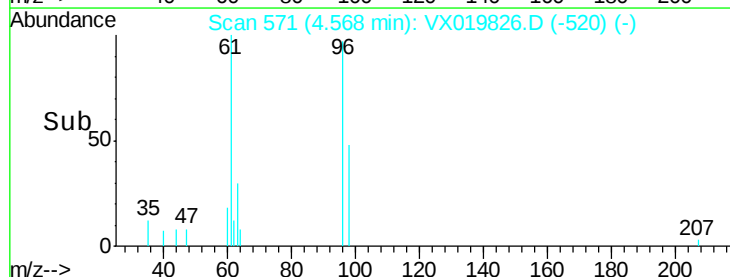
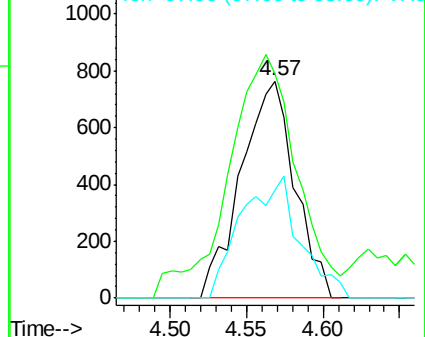
98 61.1 0.0 129.6

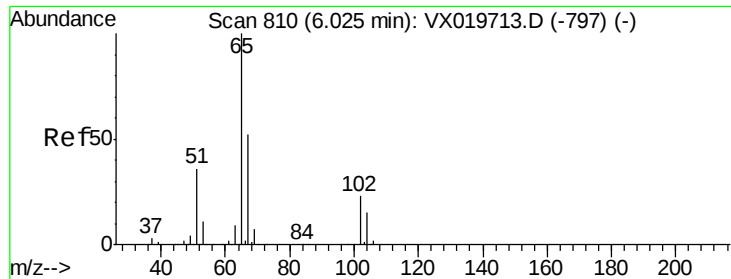


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

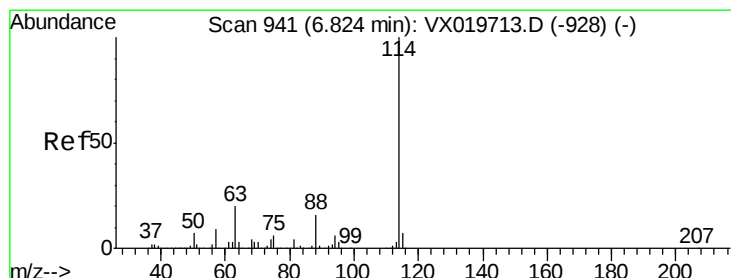
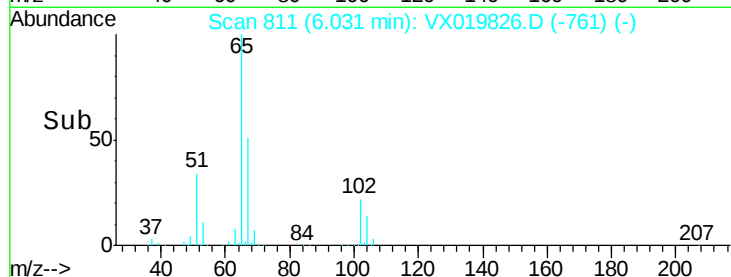
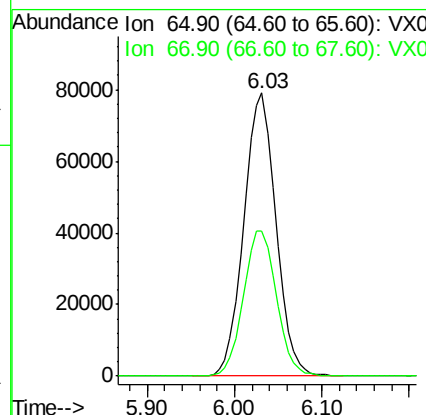
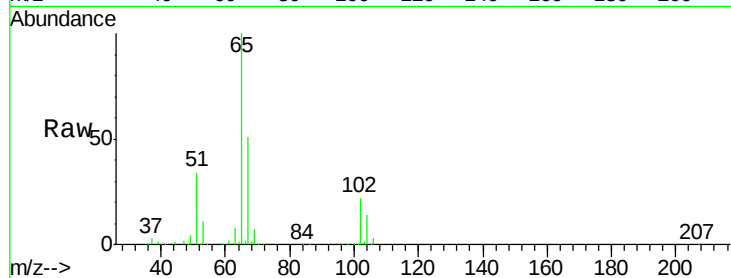




#33
 1,2-Dichloroethane-d4
 Concen: 46.996 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX019826.D
 Acq: 10 Dec 2020 15:30

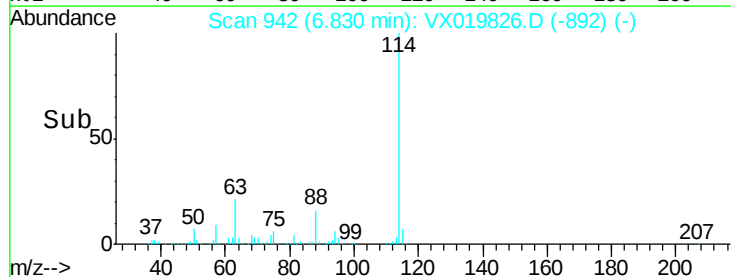
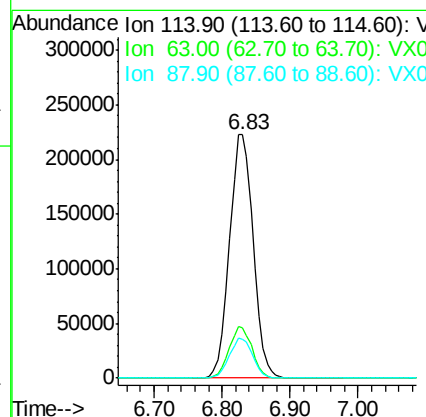
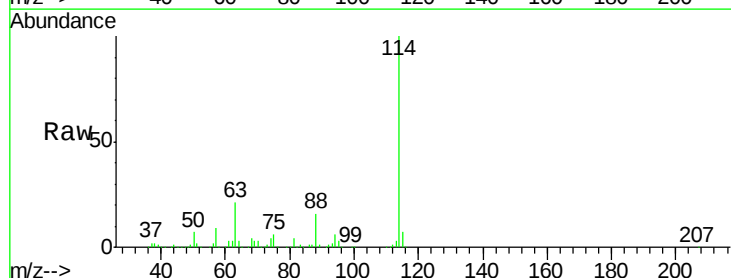
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20201207DL

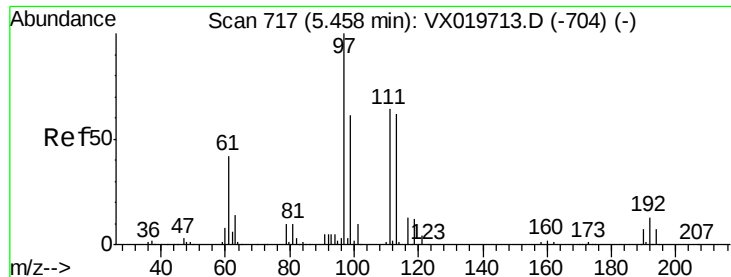
Tot Ion: 65 Resp: 202151
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019826.D
 Acq: 10 Dec 2020 15:30

Tgt Ion: 114 Resp: 536401
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 16.1 0.0 32.8

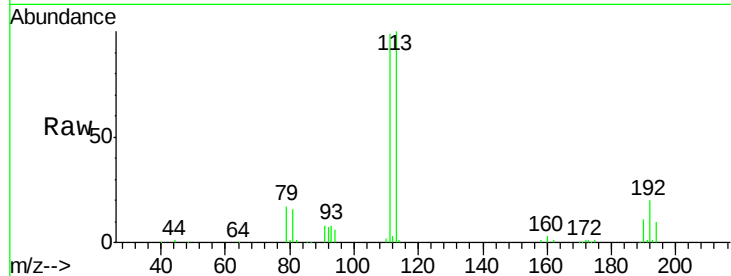




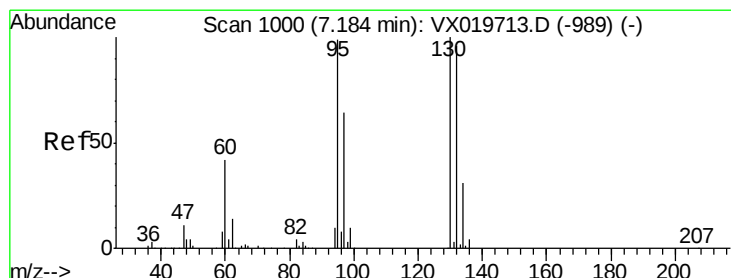
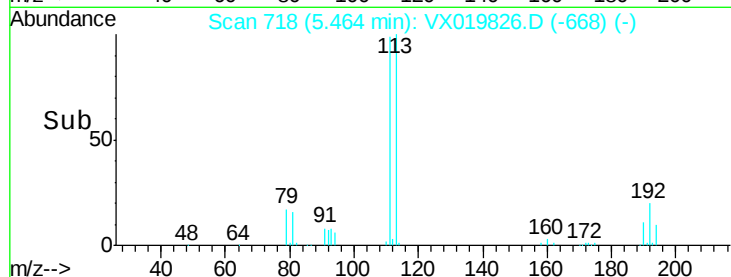
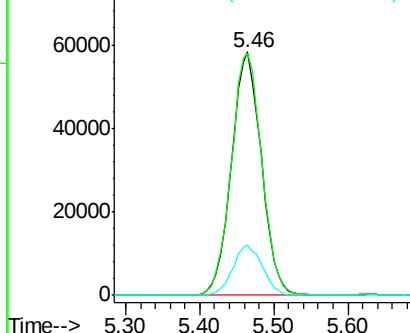
#35
Dibromofluoromethane
Concen: 47.363 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019826.D
Acq: 10 Dec 2020 15:30

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207DL

Tot Ion:113 Resp: 164193
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 20.6 16.7 25.1

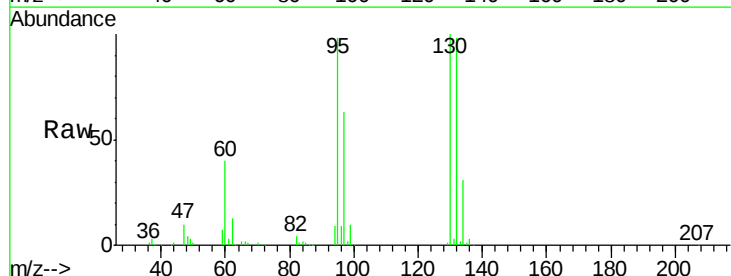


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

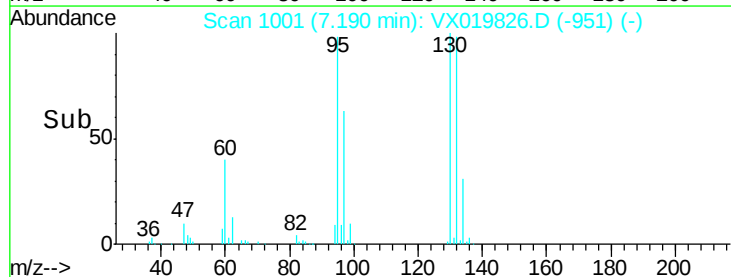
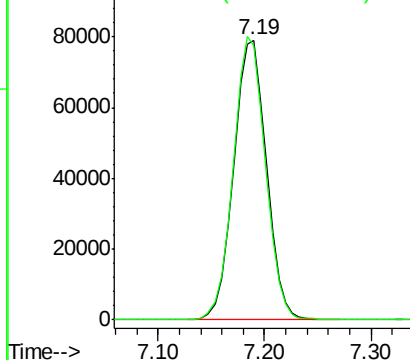


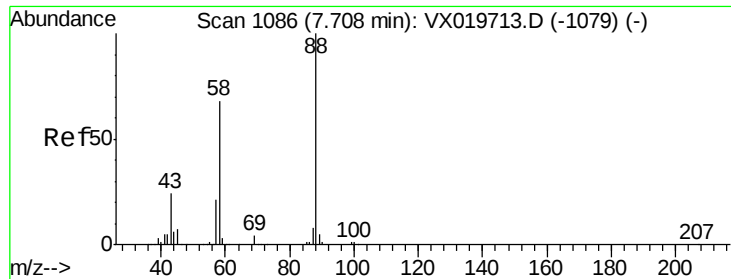
#44
Trichloroethene
Concen: 43.864 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX019826.D
Acq: 10 Dec 2020 15:30

Tgt Ion:130 Resp: 170404
Ion Ratio Lower Upper
130 100
95 97.9 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V

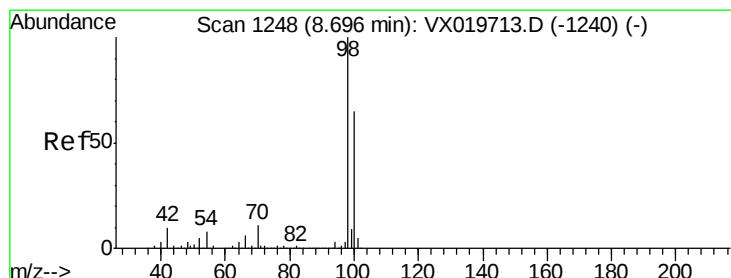
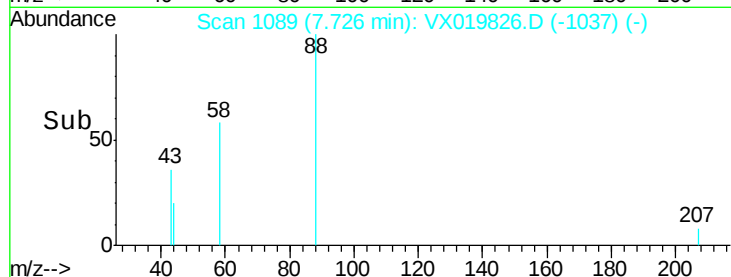
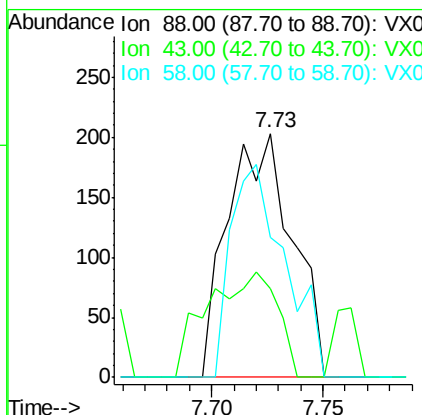
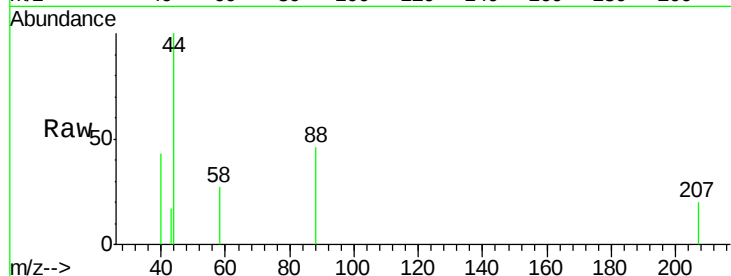




#49
1,4-Dioxane
Concen: 4.325 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.02 min
Lab File: VX019826.D
Acq: 10 Dec 2020 15:30

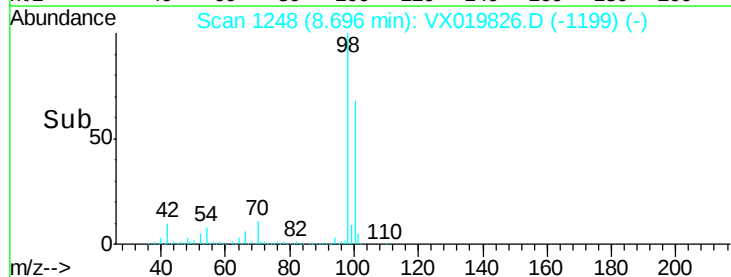
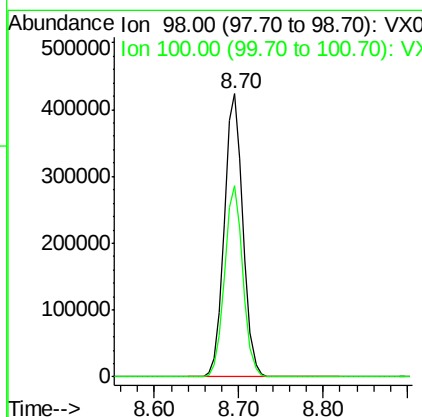
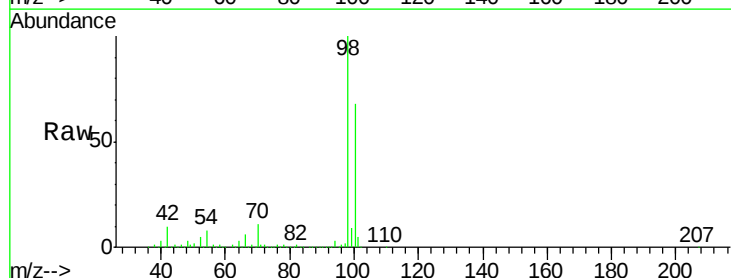
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207DL

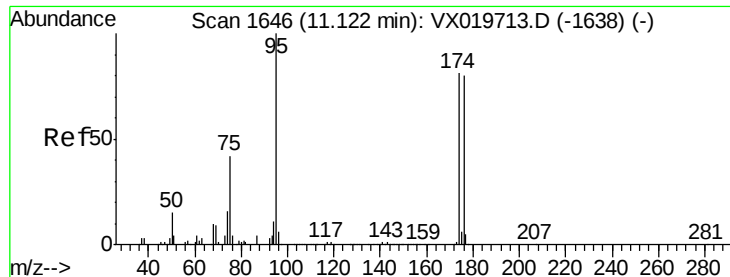
Tot Ion: 88 Resp: 410
Ion Ratio Lower Upper
88 100
43 47.3 23.2 34.8#
58 73.2 55.0 82.4



#50
Toluene-d8
Concen: 48.769 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019826.D
Acq: 10 Dec 2020 15:30

Tgt Ion: 98 Resp: 645449
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 43.325 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019826.D

Acq: 10 Dec 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20201207DL

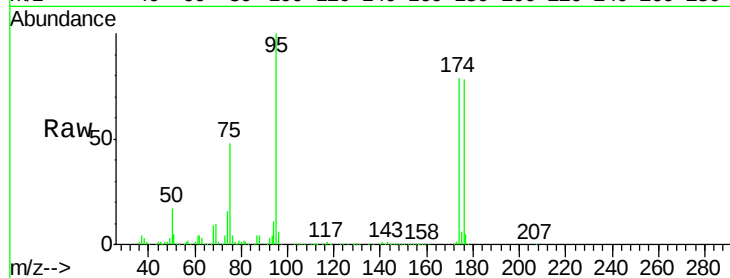
Tot Ion: 95 Resp: 218243

Ion Ratio Lower Upper

95 100

174 77.3 0.0 154.6

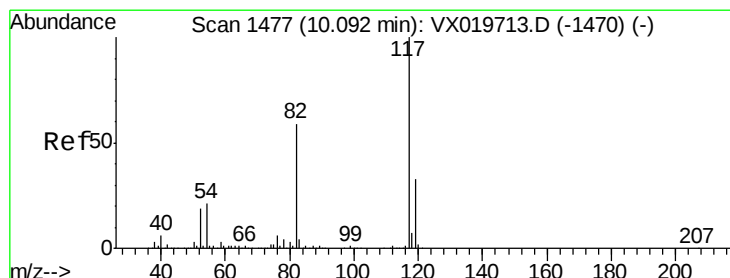
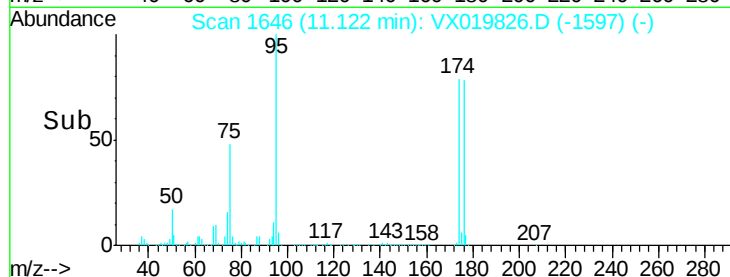
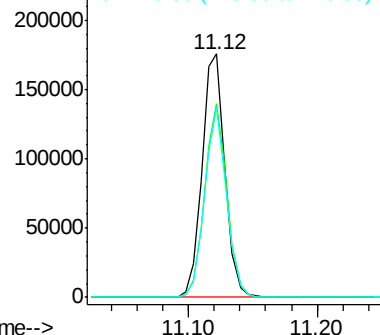
176 74.5 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019826.D

Acq: 10 Dec 2020 15:30

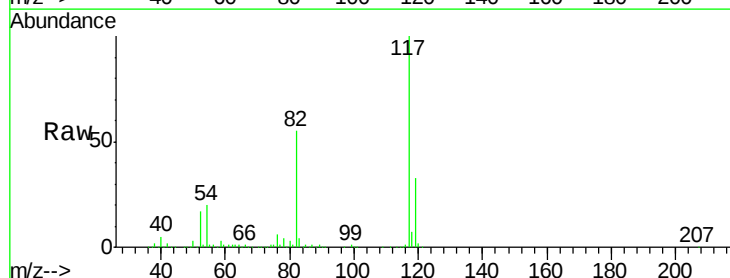
Tgt Ion: 117 Resp: 478316

Ion Ratio Lower Upper

117 100

82 55.3 47.4 71.2

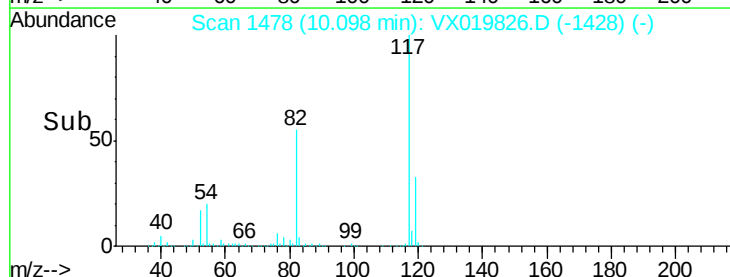
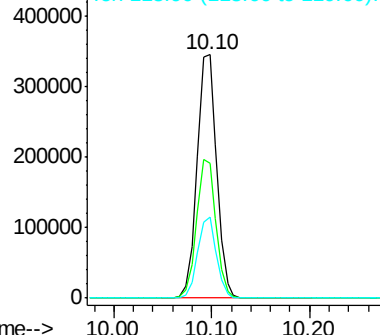
119 33.0 26.6 39.8

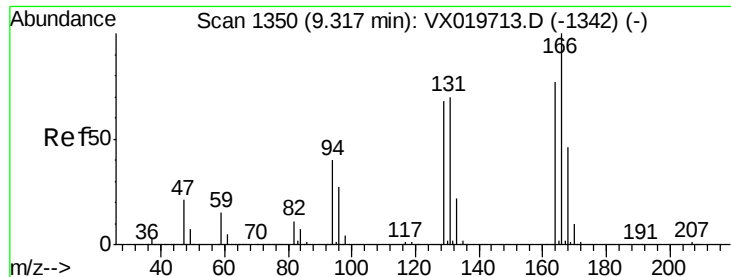


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

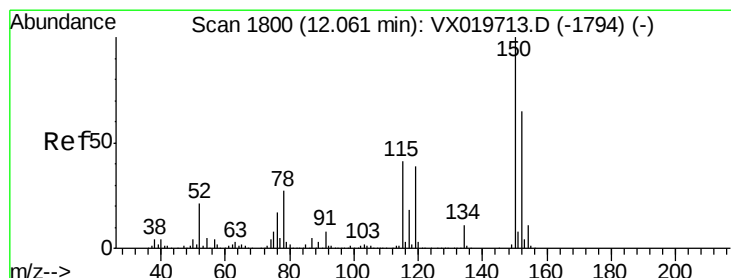
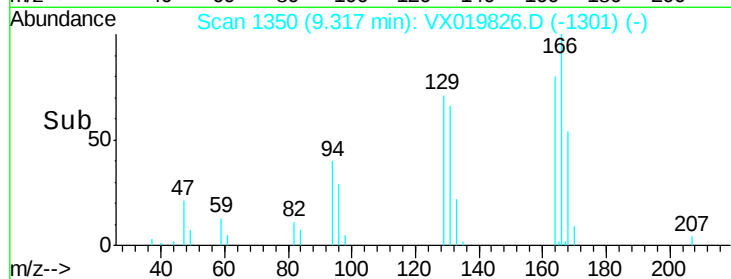
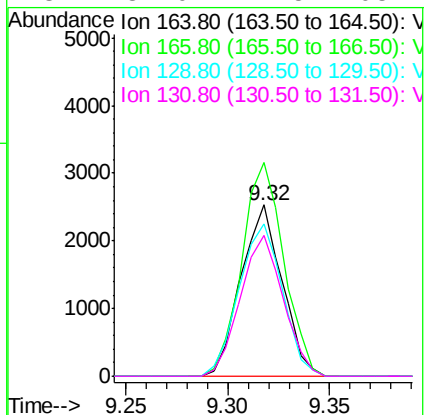
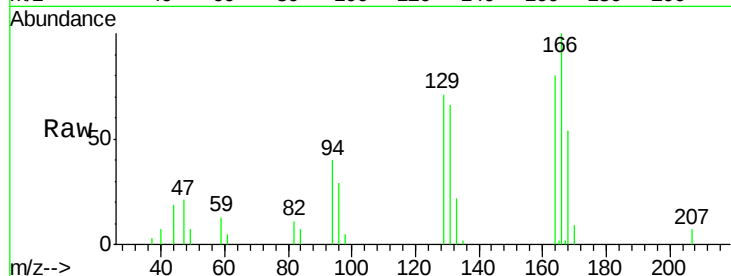




#64
Tetrachloroethene
Concen: 1.106 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019826.D
Acq: 10 Dec 2020 15:30

Instrument :
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Tot Ion:164 Resp: 3548
Ion Ratio Lower Upper
164 100
166 124.9 103.4 155.2
129 89.3 70.8 106.2
131 82.0 72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019826.D
Acq: 10 Dec 2020 15:30

Tgt Ion:152 Resp: 197636
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 158.3 0.0 349.0

