

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122220\
 Data File : VV019792.D
 Acq On : 22 Dec 2020 13:15
 Operator : SY/MD
 Sample : L5173-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4P4

Quant Time: Dec 23 01:06:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 01:05:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	670393	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	628789	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	305149	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	255979	53.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.50%
7) Chloroethane-d5	1.57	69	199410	52.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.18%
11) 1,1-Dichloroethene-d2	2.11	63	361496	40.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.04%
21) 2-Butanone-d5	3.88	46	330582	126.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.52%
24) Chloroform-d	4.35	84	440299	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.64%
26) 1,2-Dichloroethane-d4	5.04	65	304879	53.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.70%
32) Benzene-d6	5.05	84	883575	52.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.38%
36) 1,2-Dichloropropane-d6	6.07	67	286284	54.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.00%
41) Toluene-d8	7.32	98	780011	51.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.32%
43) trans-1,3-Dichloropropene-	7.62	79	133786	44.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.54%
47) 2-Hexanone-d5	8.09	63	195437	94.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.79%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	330235	46.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.96%
64) 1,2-Dichlorobenzene-d4	11.63	152	281031	49.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.54%

Target Compounds

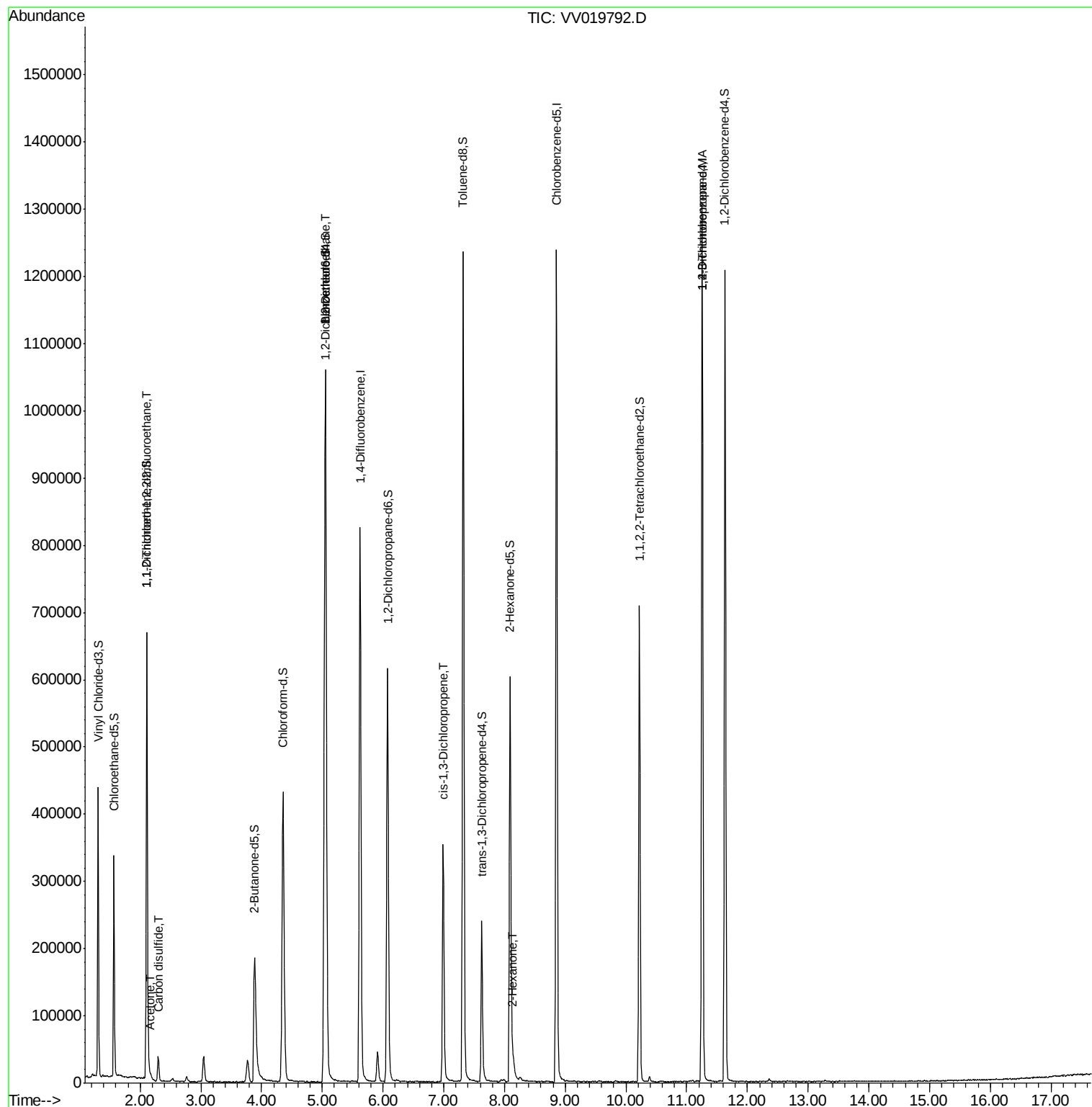
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3142	0.807 ug/L #	23
13) Acetone	2.18	43	7624	3.425 ug/L	94
14) Carbon disulfide	2.30	76	41670	3.175 ug/L	99
27) 1,2-Dichloroethane	5.05	62	5643	0.804 ug/L	98
39) cis-1,3-Dichloropropene	6.99	75	8829	1.108 ug/L #	72
48) 2-Hexanone	8.15	43	14913	2.839 ug/L #	72
59) 1,2,3-Trichloropropane	11.25	75	43200	7.237 ug/L	96

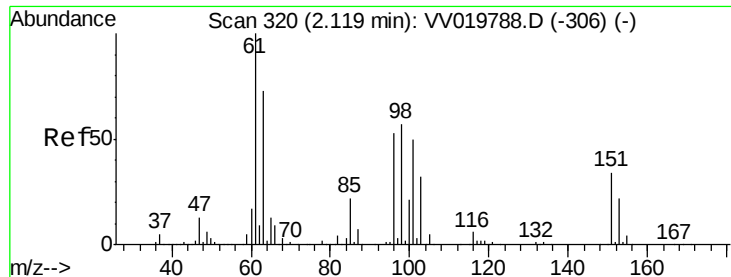
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV122220\
Data File : VV019792.D
Acq On : 22 Dec 2020 13:15
Operator : SY/MD
Sample : L5173-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4P4

Quant Time: Dec 23 01:06:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 23 01:05:06 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.807 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019792.D

Acq: 22 Dec 2020 13:15

Instrument :

MSVOA_V

ClientSampleId :

BG4P4

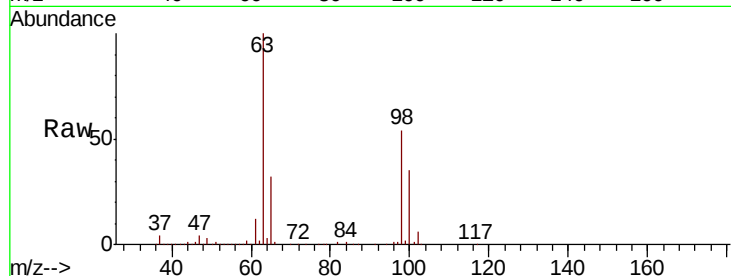
Tot Ion:101 Resp: 3142

Ion Ratio Lower Upper

101 100

85 2.2 35.0 52.4#

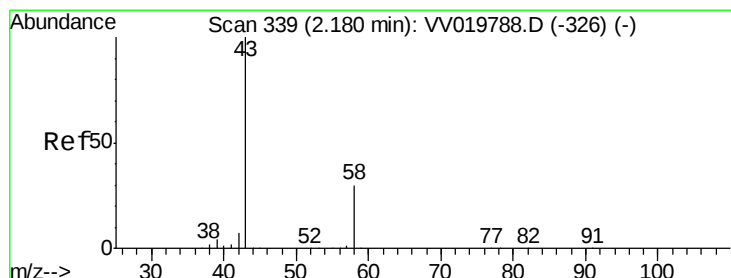
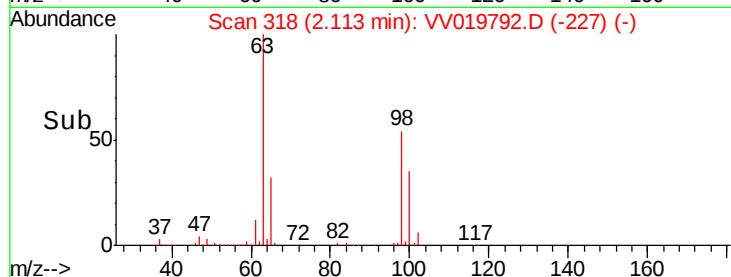
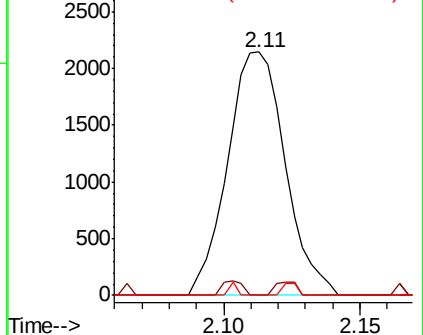
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 3.425 ug/L

RT: 2.18 min Scan# 338

Delta R.T. -0.00 min

Lab File: VV019792.D

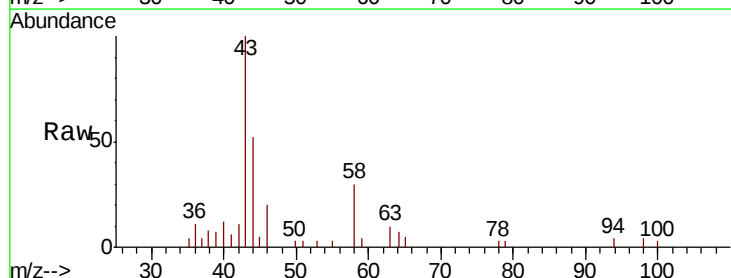
Acq: 22 Dec 2020 13:15

Tgt Ion: 43 Resp: 7624

Ion Ratio Lower Upper

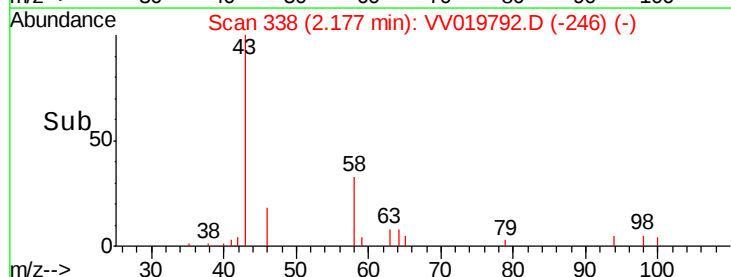
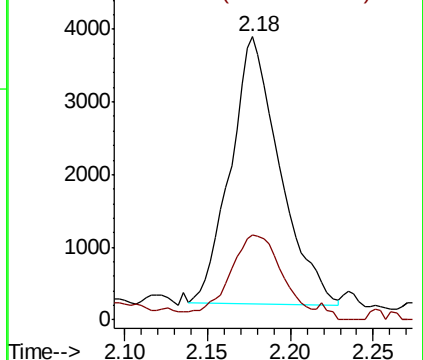
43 100

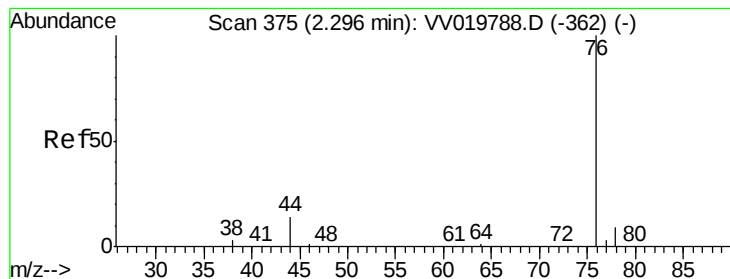
58 34.1 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#14

Carbon disulfide

Concen: 3.175 ug/L

RT: 2.30 min Scan# 376

Delta R.T. 0.00 min

Lab File: VV019792.D

Acq: 22 Dec 2020 13:15

Instrument :

MSVOA_V

ClientSampleId :

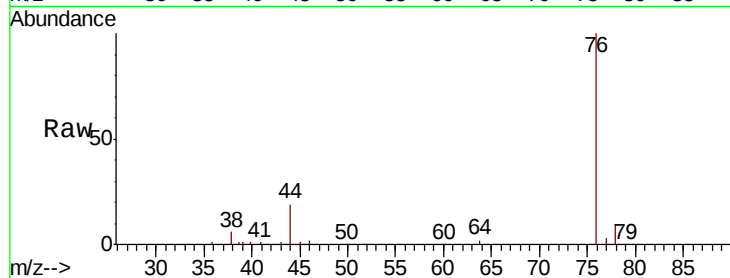
BG4P4

Tot Ion: 76 Resp: 41670

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8

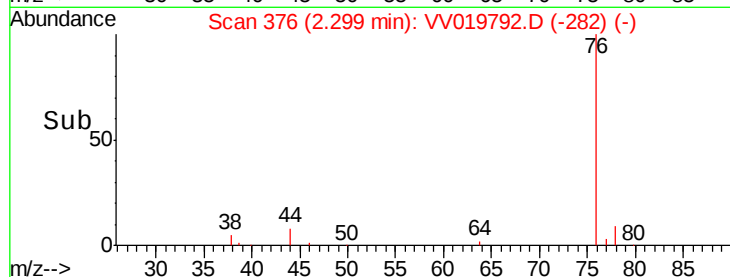


Abundance Ion 76.00 (75.70 to 76.70): VV019788.D (-362) (-)

Ion 78.00 (77.70 to 78.70): VV019788.D (-362) (-)

2.30

Time-->



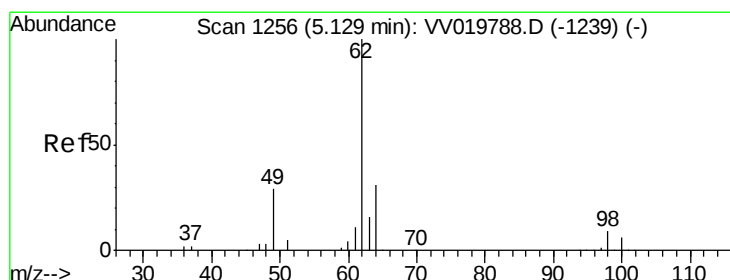
Abundance

Ion 76.00 (75.70 to 76.70): VV019788.D (-362) (-)

Ion 78.00 (77.70 to 78.70): VV019788.D (-362) (-)

2.30

Time-->



#27

1,2-Dichloroethane

Concen: 0.804 ug/L

RT: 5.05 min Scan# 1231

Delta R.T. -0.08 min

Lab File: VV019792.D

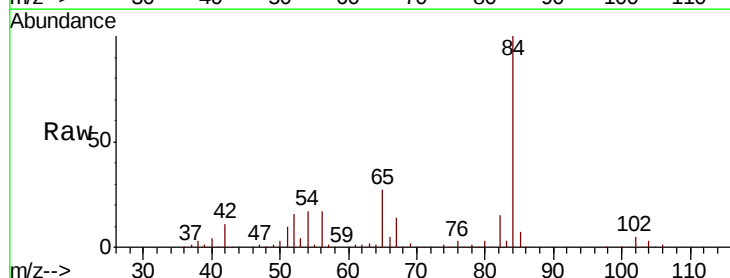
Acq: 22 Dec 2020 13:15

Tgt Ion: 62 Resp: 5643

Ion Ratio Lower Upper

62 100

98 9.8 7.4 11.0

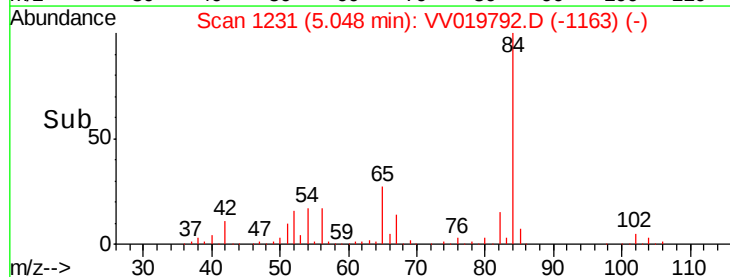


Abundance Ion 62.00 (61.70 to 62.70): VV019788.D (-1239) (-)

Ion 98.00 (97.70 to 98.70): VV019788.D (-1239) (-)

5.05

Time-->



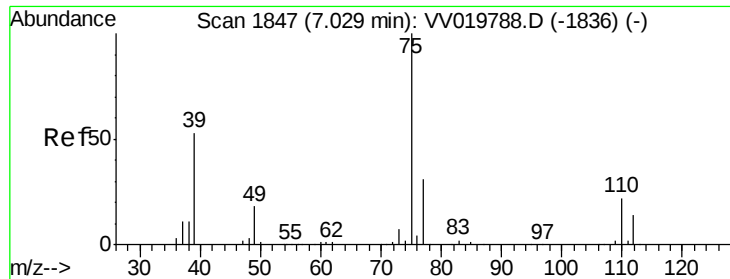
Abundance

Ion 62.00 (61.70 to 62.70): VV019788.D (-1239) (-)

Ion 98.00 (97.70 to 98.70): VV019788.D (-1239) (-)

5.05

Time-->

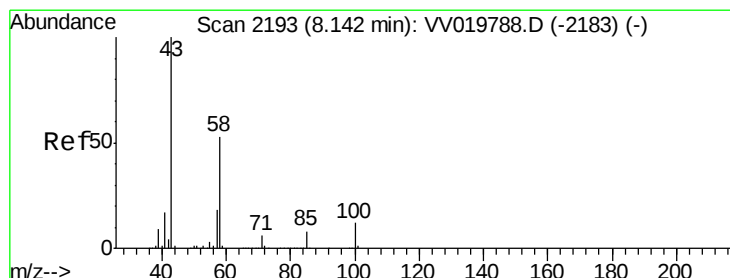
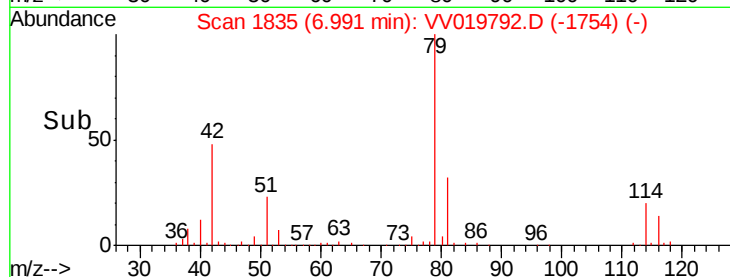
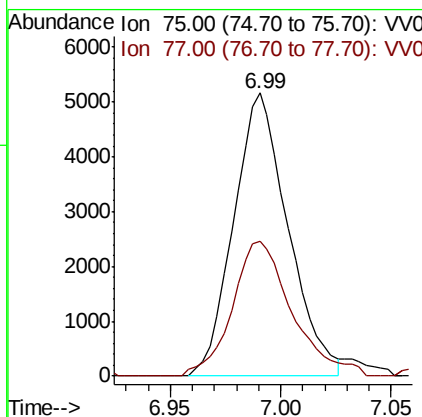
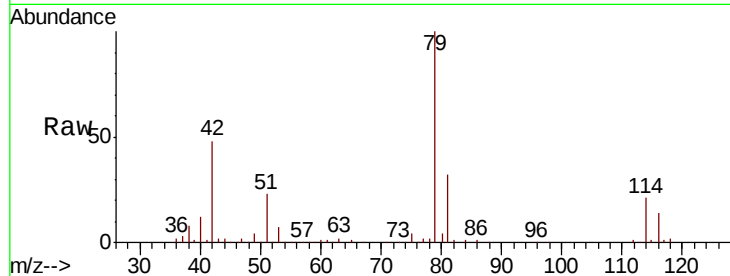


#39

cis-1,3-Dichloropropene
Concen: 1.108 ug/L
RT: 6.99 min Scan# 1835
Delta R.T. -0.04 min
Lab File: VV019792.D
Acq: 22 Dec 2020 13:15

Instrument :
MSVOA_V
ClientSampleId :
BG4P4

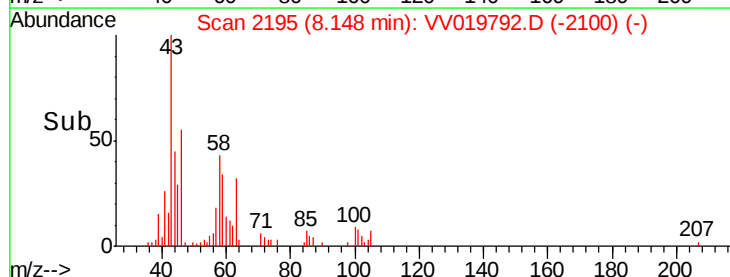
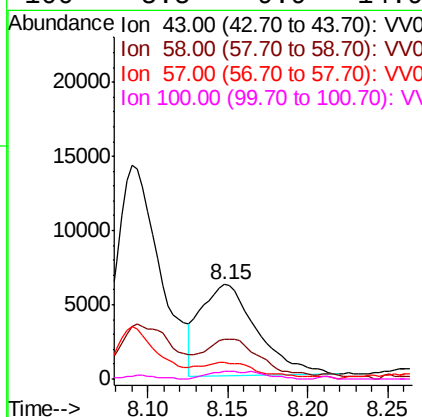
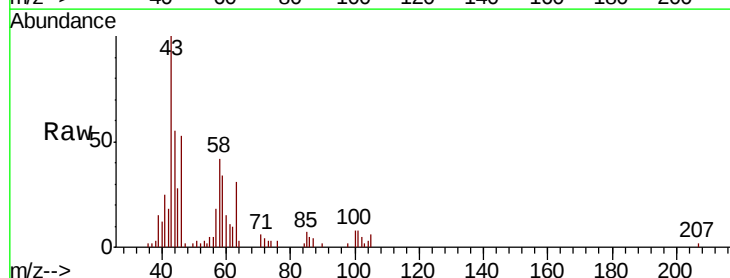
Tot Ion: 75 Resp: 8829
Ion Ratio Lower Upper
75 100
77 47.7 22.4 41.6#

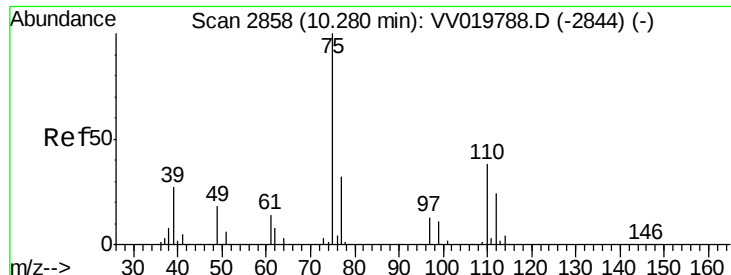


#48

2-Hexanone
Concen: 2.839 ug/L
RT: 8.15 min Scan# 2195
Delta R.T. 0.01 min
Lab File: VV019792.D
Acq: 22 Dec 2020 13:15

Tgt Ion: 43 Resp: 14913
Ion Ratio Lower Upper
43 100
58 36.7 44.4 66.6#
57 0.0 15.7 23.5#
100 5.5 9.9 14.9#





#59

1,2,3-Trichloropropane

Concen: 7.237 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.97 min

Lab File: VV019792.D

Acq: 22 Dec 2020 13:15

Instrument :

MSVOA_V

ClientSampleId :

BG4P4

Tot Ion: 75 Resp: 43200

Ion Ratio Lower Upper

75 100

77 34.6 25.8 38.8

