

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
 Data File : VV014178.D
 Acq On : 23 Dec 2019 23:31
 Operator : SY/MD
 Sample : K6404-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 24 01:39:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 24 01:34:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	375766	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	370510	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	174769	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	134448	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.58	69	116397	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.13	63	178417	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	3.92	46	291382	57.29	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.58%
24) Chloroform-d	4.40	84	254991	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.08	65	125191	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.10	84	495970	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.11	67	153658	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	428935	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.66	79	50455	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.13	63	220766	52.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.88%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	111216	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	170191	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

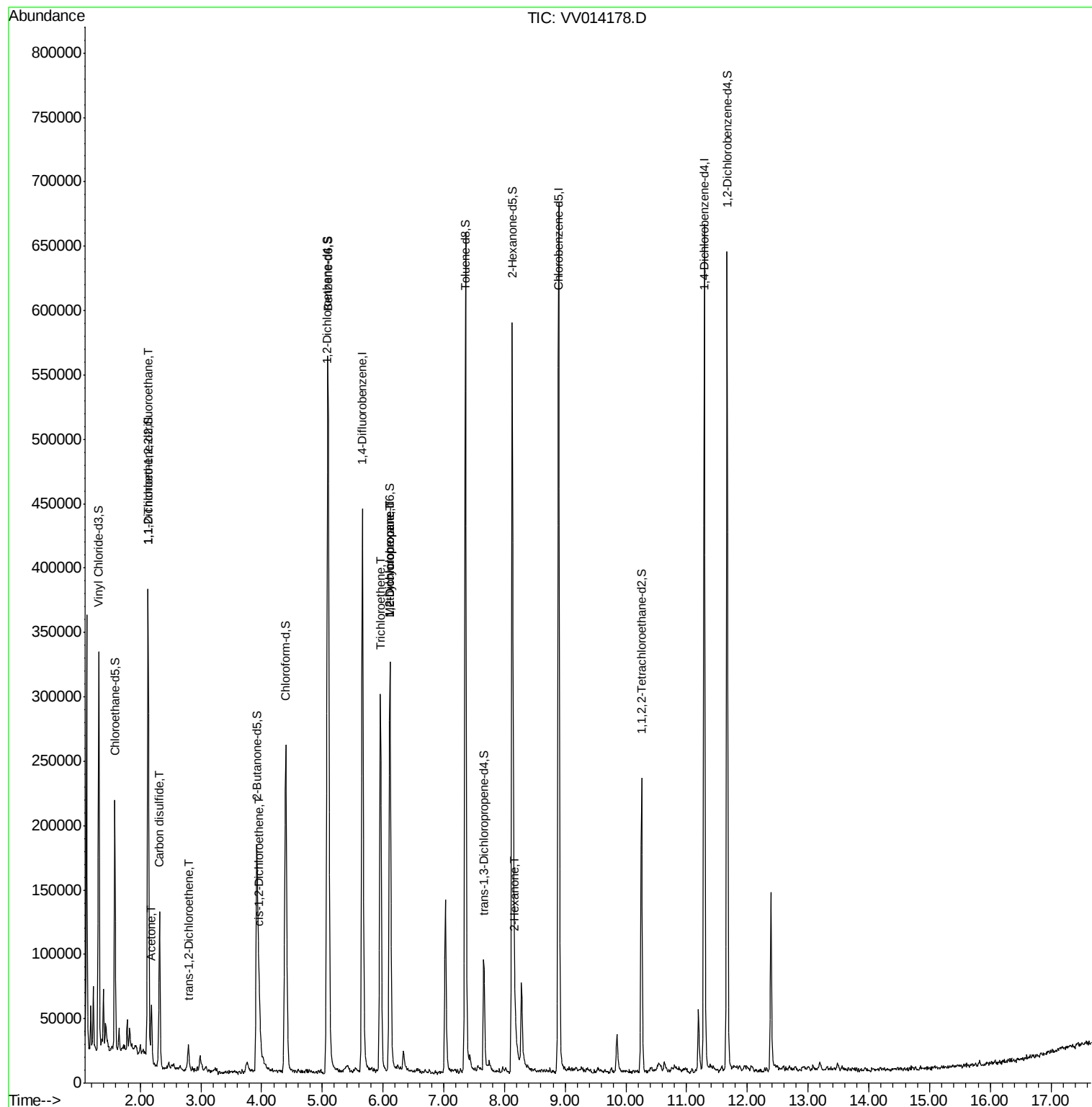
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2161	0.097	ug/L #	20
13) Acetone	2.19	43	39453	9.523	ug/L	98
14) Carbon disulfide	2.32	76	136184	1.891	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	5635	0.220	ug/L	79
22) cis-1,2-Dichloroethene	3.96	96	18077	0.685	ug/L #	95
34) Trichloroethene	5.96	95	100458	3.648	ug/L	96
35) Methylcyclohexane	6.12	83	37846	0.926	ug/L #	16
37) 1,2-Dichloropropane	6.11	63	16695	0.647	ug/L #	88
48) 2-Hexanone	8.18	43	6615	0.644	ug/L #	94

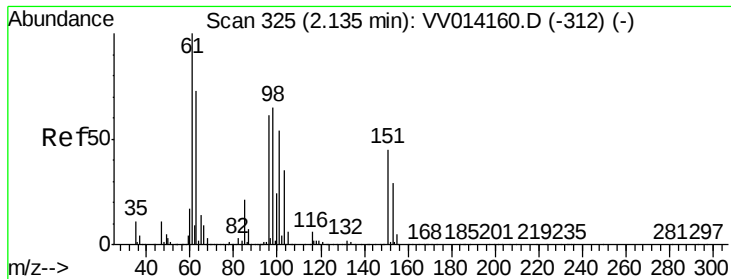
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 01:34:37 2019
Response via : Initial Calibration





#10

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

Concen: 0.097 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014178.D

Acq: 23 Dec 2019 23:31

Instrument :

MSVOA_V

ClientSampleId :

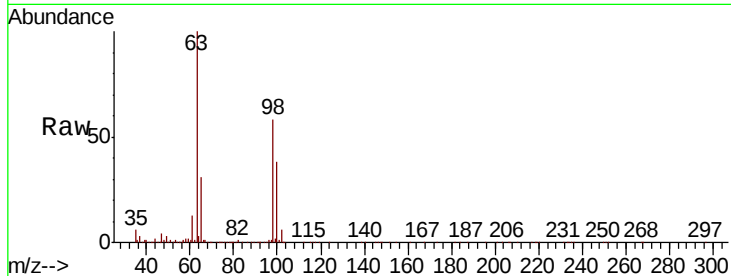
Tot Ion:101 Resp: 2161

Ion Ratio Lower Upper

101 100

85 4.6 34.7 52.1#

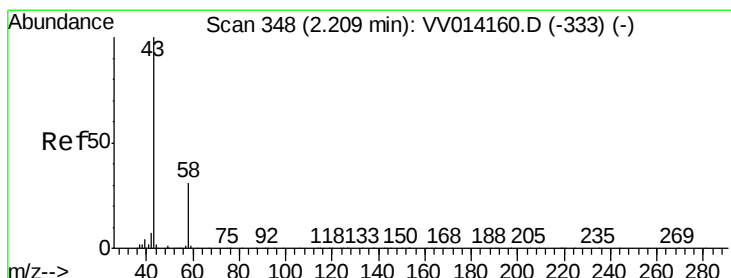
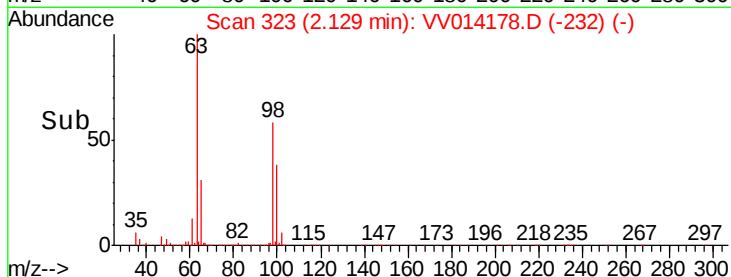
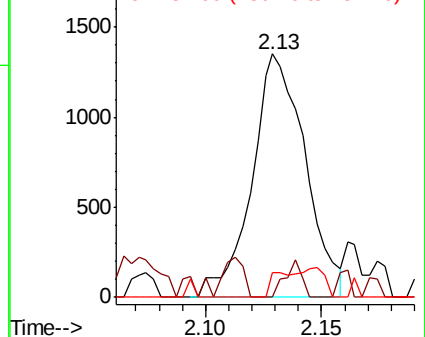
151 3.6 69.1 103.7#



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: 9.523 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV014178.D

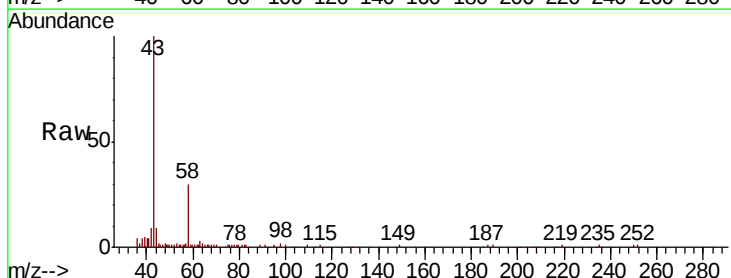
Acq: 23 Dec 2019 23:31

Tgt Ion: 43 Resp: 39453

Ion Ratio Lower Upper

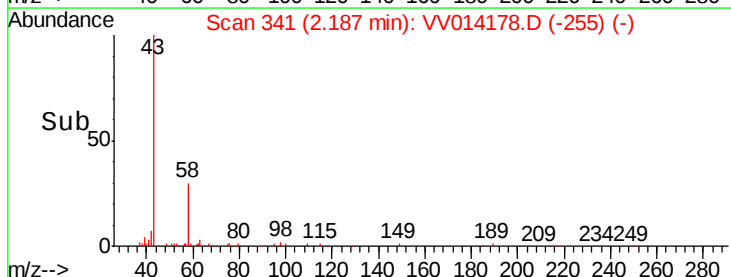
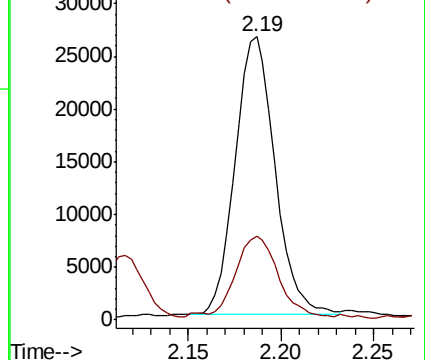
43 100

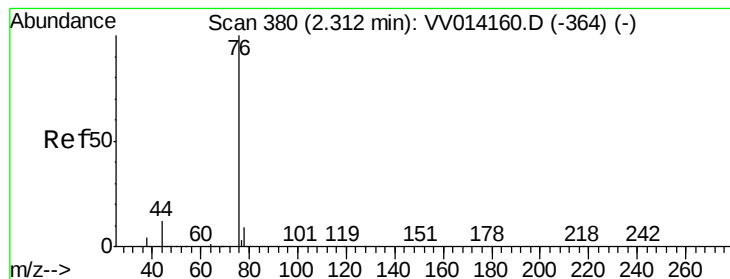
58 30.5 0.0 58.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 1.891 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV014178.D

Acq: 23 Dec 2019 23:31

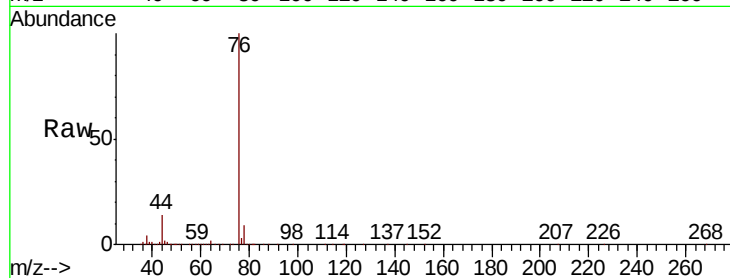
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 76 Resp: 136184

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



Abundance Ion 76.05 (75.75 to 76.75): VV014160.D (-364) (-)

Ion 78.00 (77.70 to 78.70): VV014160.D (-364) (-)

2.32

100000

80000

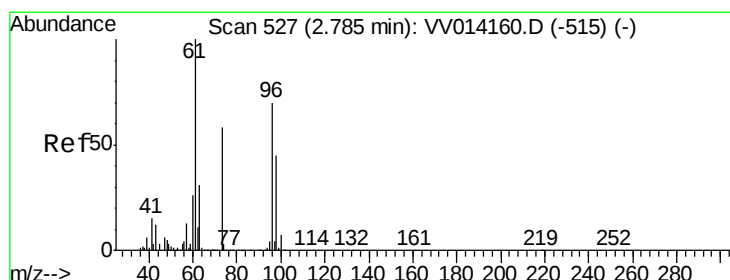
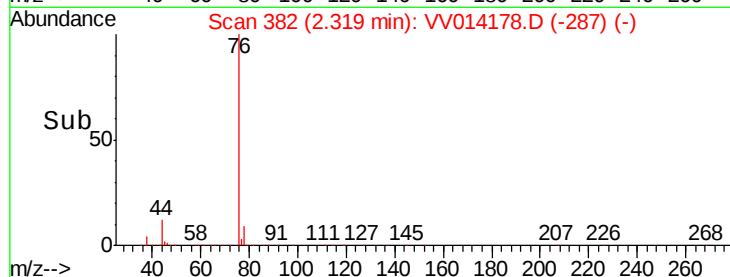
60000

40000

20000

0

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.220 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

Lab File: VV014178.D

Acq: 23 Dec 2019 23:31

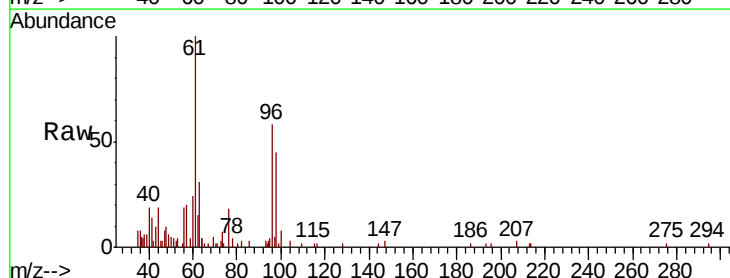
Tgt Ion: 96 Resp: 5635

Ion Ratio Lower Upper

96 100

61 173.5 100.7 187.1

98 78.5 46.9 87.1



Abundance Ion 96.00 (95.70 to 96.70): VV014160.D (-515) (-)

Ion 61.05 (60.75 to 61.75): VV014160.D (-515) (-)

Ion 97.95 (97.65 to 98.65): VV014160.D (-515) (-)

2.79

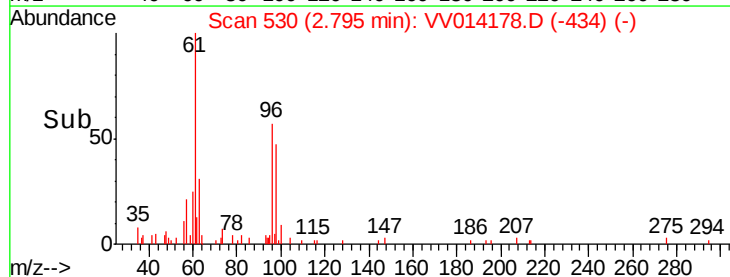
6000

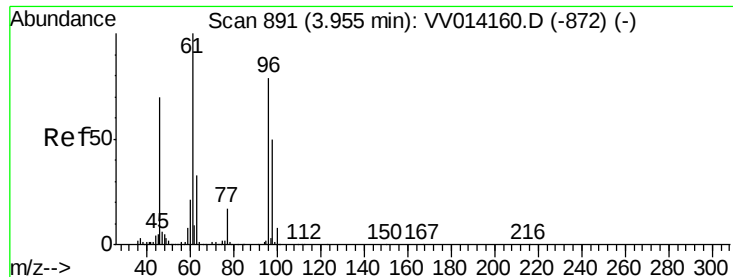
4000

2000

0

Time-->



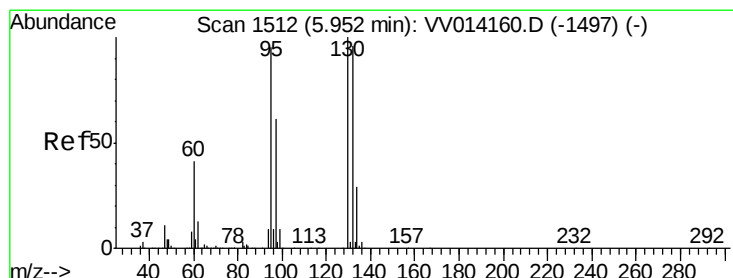
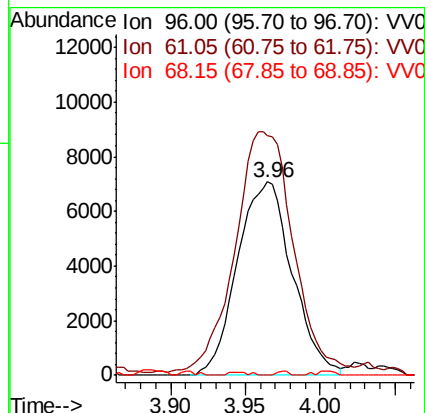
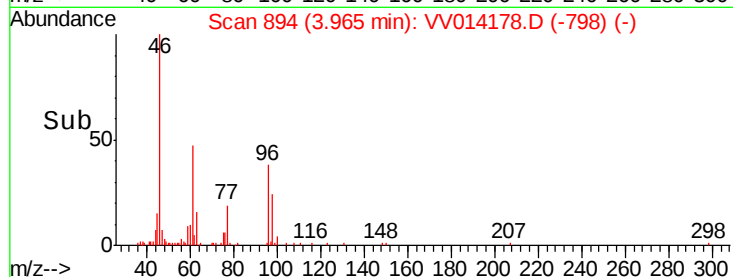
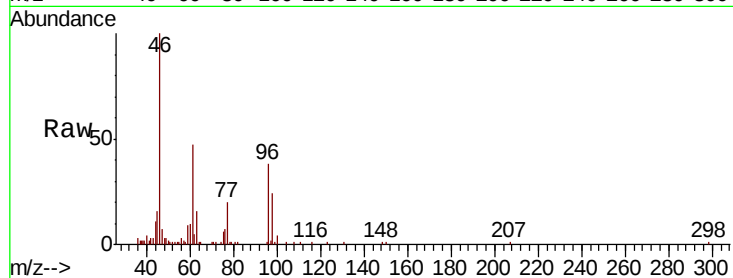


#22

cis-1,2-Dichloroethene
Concen: 0.685 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV014178.D
Acq: 23 Dec 2019 23:31

Instrument :
MSVOA_V
ClientSampleId :

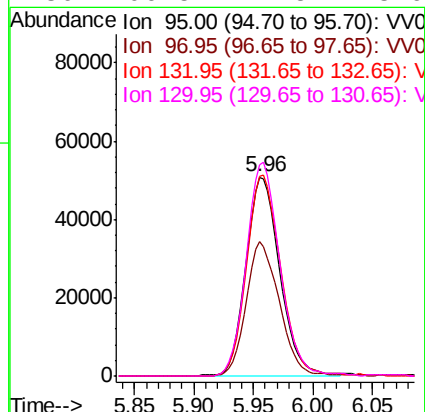
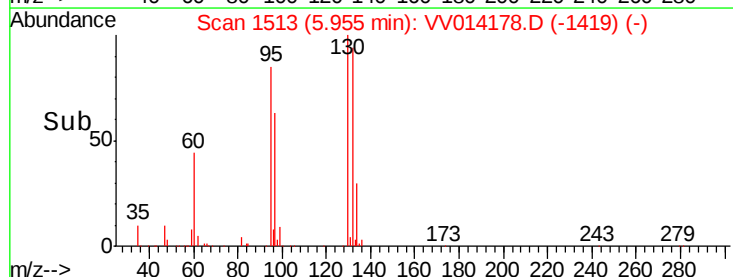
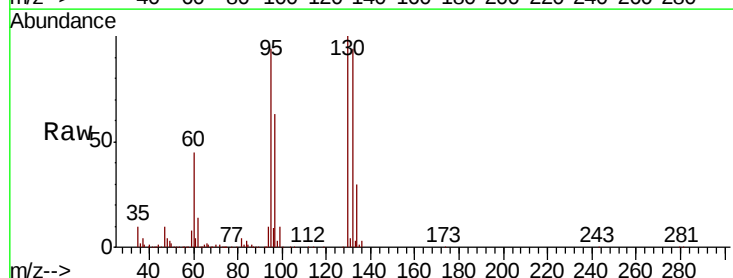
Tot Ion: 96 Resp: 18077
Ion Ratio Lower Upper
96 100
61 124.4 91.2 169.4
68 0.0 0.1 0.3#

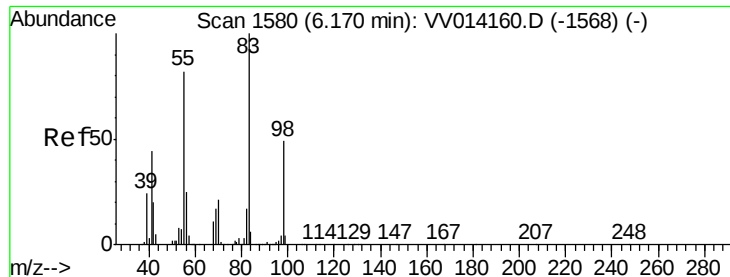


#34

Trichloroethene
Concen: 3.648 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV014178.D
Acq: 23 Dec 2019 23:31

Tgt Ion: 95 Resp: 100458
Ion Ratio Lower Upper
95 100
97 67.4 47.2 87.6
132 100.3 74.1 137.7
130 106.5 77.5 143.9

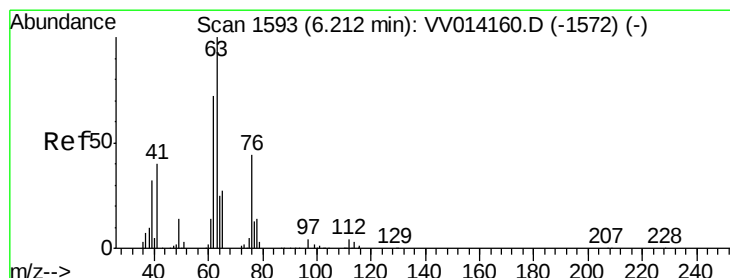
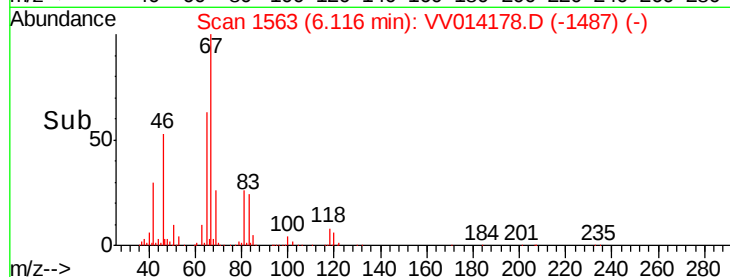
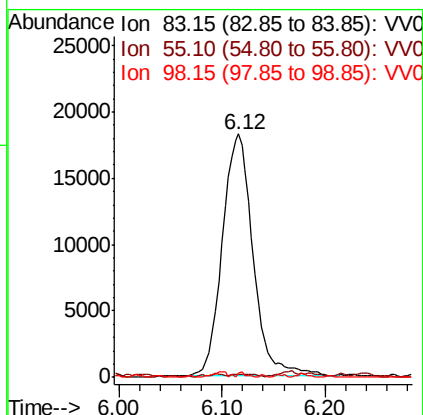
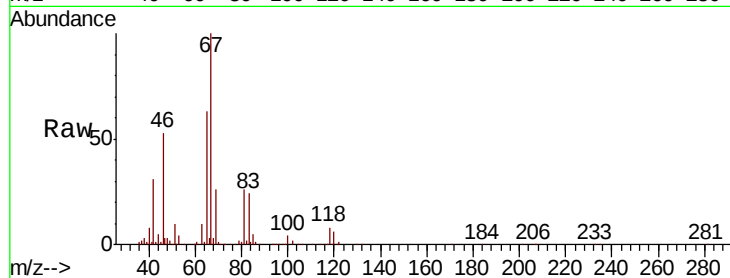




#35
Methvlcvclohexane
Concen: 0.926 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014178.D
Acq: 23 Dec 2019 23:31

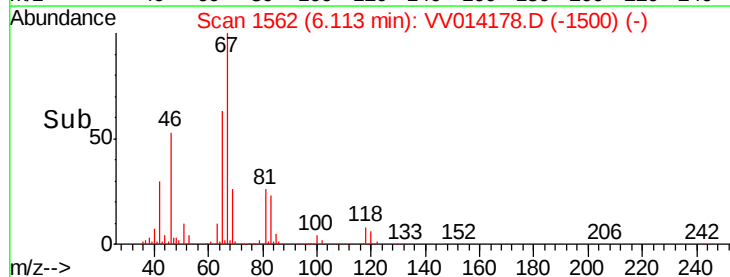
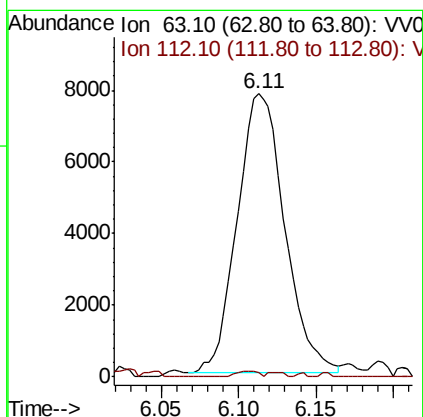
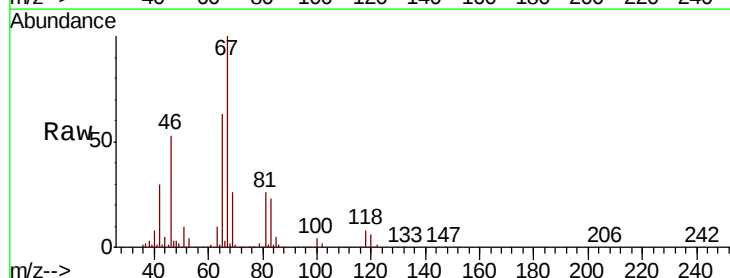
Instrument :
MSVOA_V
ClientSampleId :

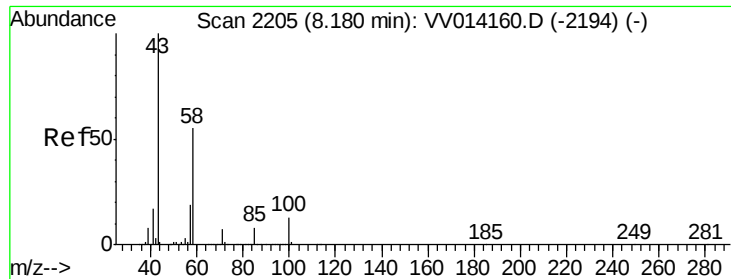
Tot Ion: 83 Resp: 37846
Ion Ratio Lower Upper
83 100
55 0.3 65.3 97.9#
98 0.6 39.2 58.8#



#37
1,2-Dichloropropane
Concen: 0.647 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014178.D
Acq: 23 Dec 2019 23:31

Tgt Ion: 63 Resp: 16695
Ion Ratio Lower Upper
63 100
112 1.0 4.0 6.0#





#48

2-Hexanone

Concen: 0.644 ug/L

RT: 8.18 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VV014178.D

Acq: 23 Dec 2019 23:31

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6615

Ion Ratio Lower Upper

43 100

58 55.3 43.2 64.8

57 14.5 14.8 22.2#

100 4.6 9.7 14.5#

