

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102920\
 Data File : VV019165.D
 Acq On : 29 Oct 2020 23:34
 Operator : SY/MD
 Sample : L4502-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 30 05:46:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 30 05:31:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	228994	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	224735	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	114397	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84348	46.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.70%
7) Chloroethane-d5	1.58	69	67967	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.16%
11) 1,1-Dichloroethene-d2	2.12	63	124903	36.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.16%
21) 2-Butanone-d5	3.91	46	109895	98.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.60%
24) Chloroform-d	4.38	84	163464	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.58%
26) 1,2-Dichloroethane-d4	5.06	65	117321	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
32) Benzene-d6	5.07	84	310680	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.46%
36) 1,2-Dichloropropane-d6	6.09	67	96001	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.00%
41) Toluene-d8	7.34	98	288606	47.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.26%
43) trans-1,3-Dichloropropene-	7.64	79	51672	46.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.96%
47) 2-Hexanone-d5	8.11	63	78118	94.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.90%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	118891	46.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	124234	51.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.38%

Target Compounds

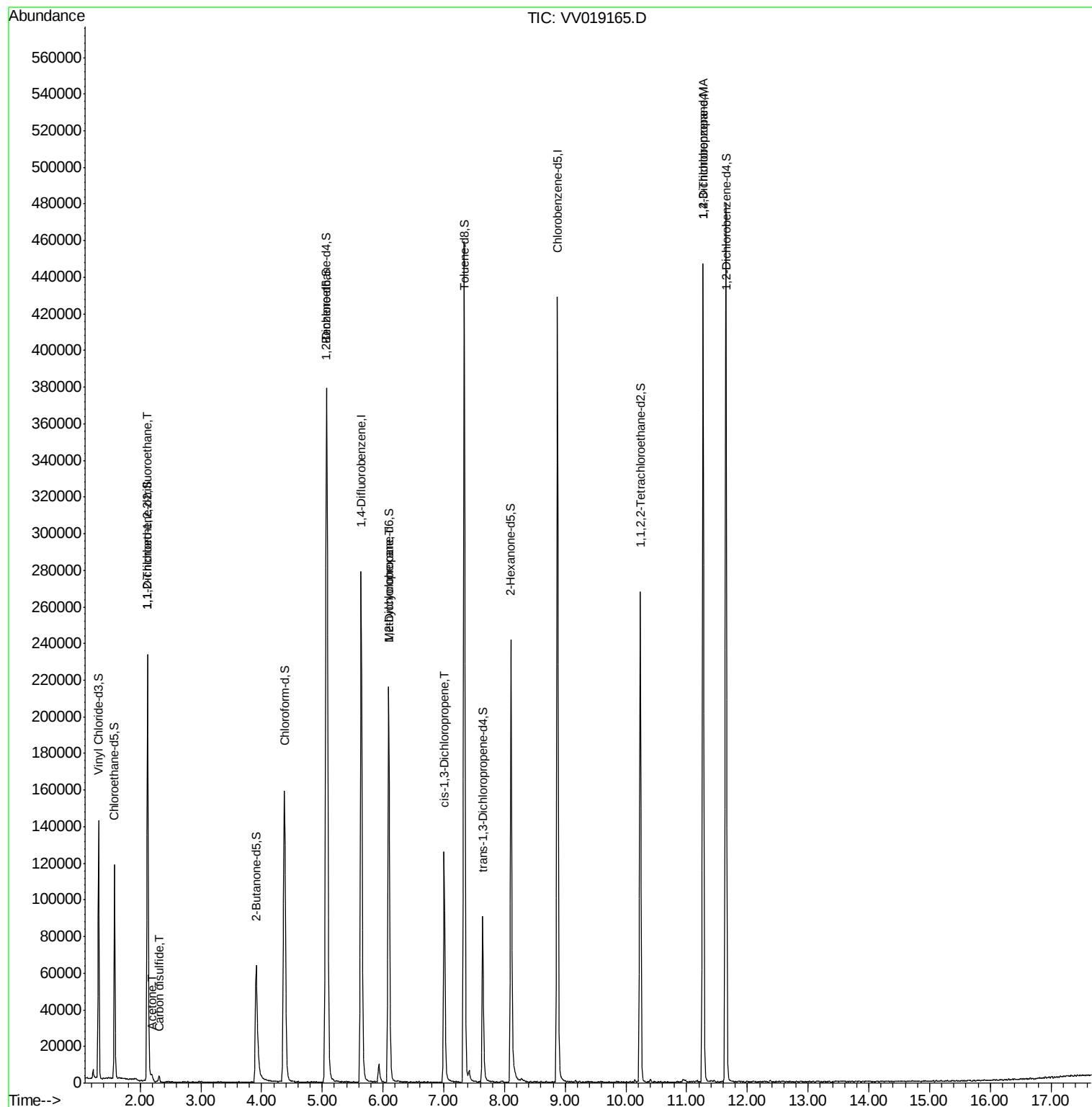
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1118	0.746 ug/L #	17
13) Acetone	2.19	43	5024	4.852 ug/L	95
14) Carbon disulfide	2.31	76	3940	0.844 ug/L	95
35) Methylcyclohexane	6.09	83	24149	10.077 ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	3492	1.314 ug/L #	70
59) 1,2,3-Trichloropropane	11.27	75	12300	5.847 ug/L #	85

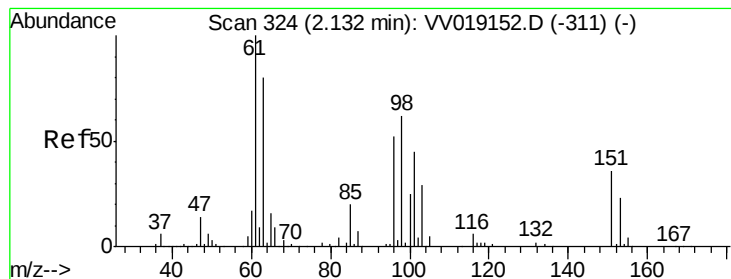
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.746 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV019165.D

Acq: 29 Oct 2020 23:34

Instrument :

MSVOA_V

ClientSampled :

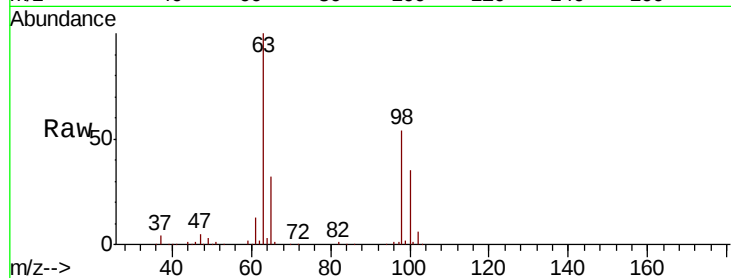
Tot Ion:101 Resp: 1118

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 65.0 97.4#

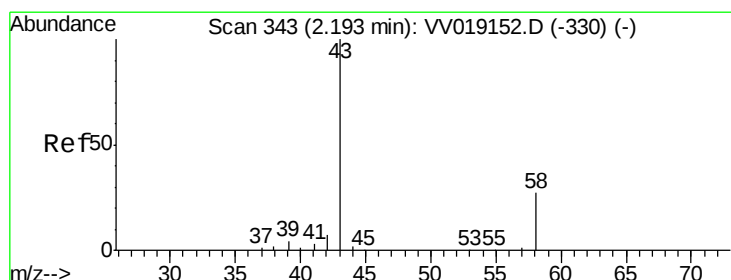
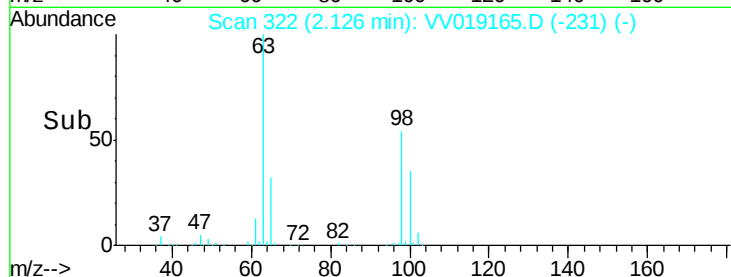
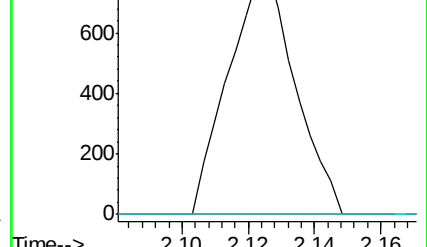


Abundance Ion 101.00 (100.70 to 101.70): VV019152.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV019152.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV019152.D (-311) (-)

Time-->



#13

Acetone

Concen: 4.852 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV019165.D

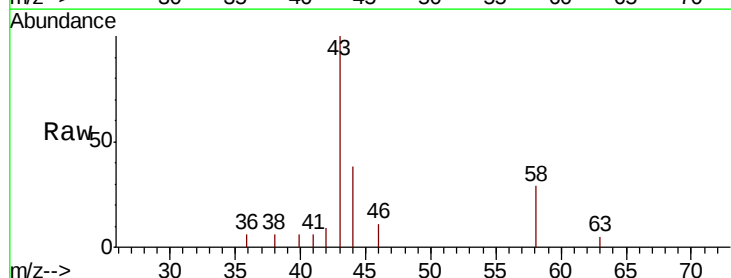
Acq: 29 Oct 2020 23:34

Tgt Ion: 43 Resp: 5024

Ion Ratio Lower Upper

43 100

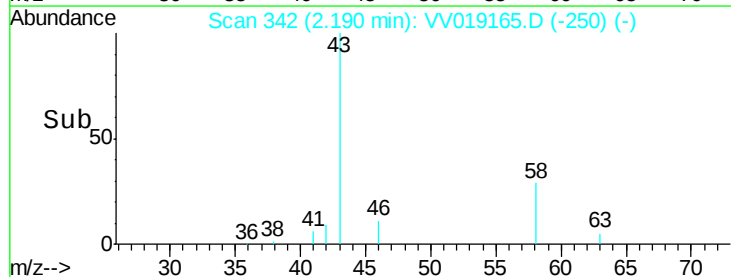
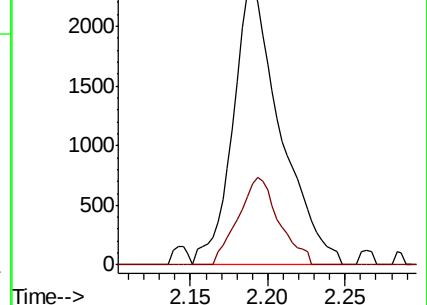
58 26.9 0.0 59.4

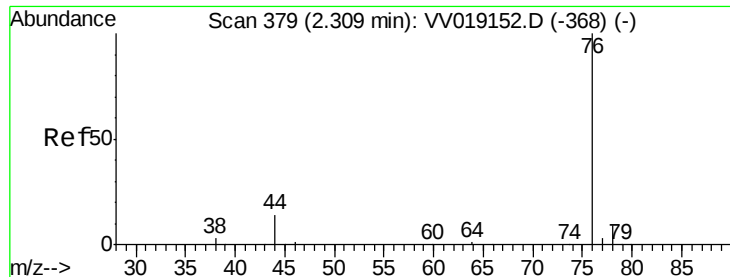


Abundance Ion 43.00 (42.70 to 43.70): VV019152.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV019152.D (-330) (-)

Time-->





#14

Carbon disulfide

Concen: 0.844 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV019165.D

Acq: 29 Oct 2020 23:34

Instrument :

MSVOA_V

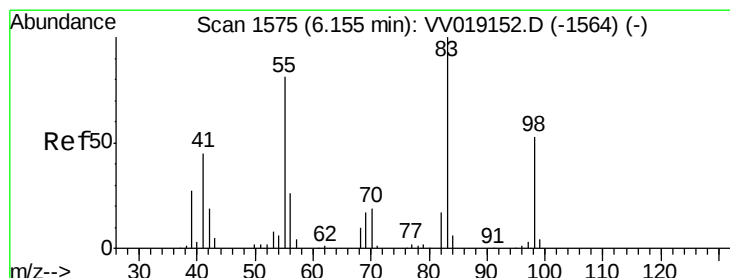
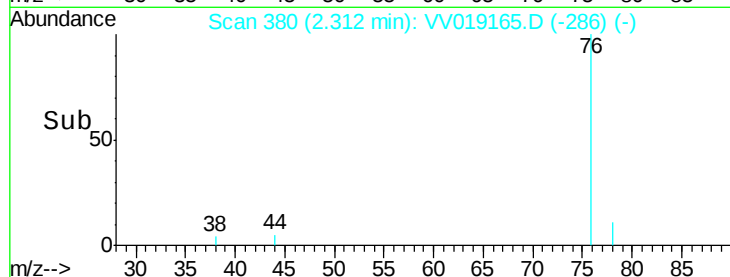
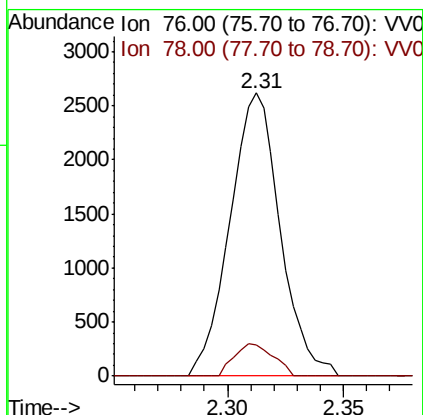
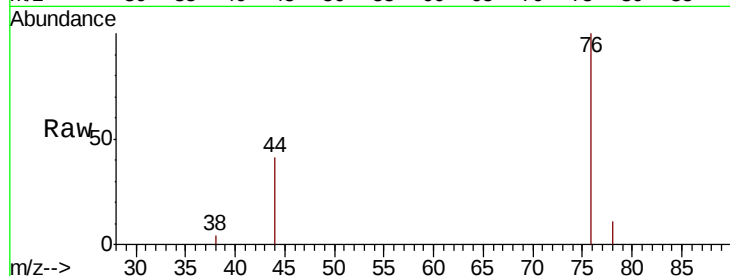
ClientSampleId :

Tot Ion: 76 Resp: 3940

Ion Ratio Lower Upper

76 100

78 10.9 7.4 11.0



#35

Methylcyclohexane

Concen: 10.077 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV019165.D

Acq: 29 Oct 2020 23:34

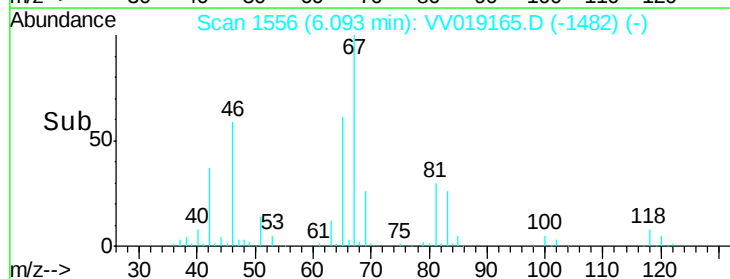
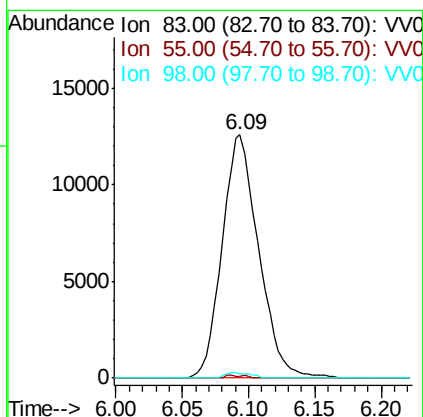
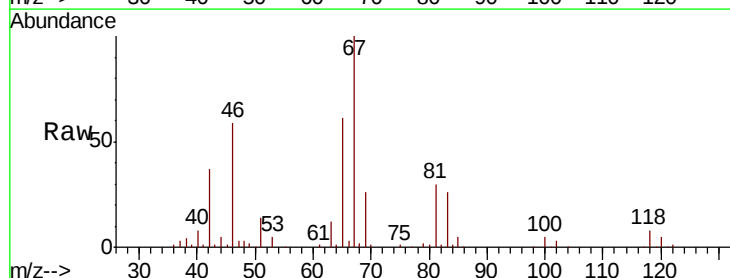
Tgt Ion: 83 Resp: 24149

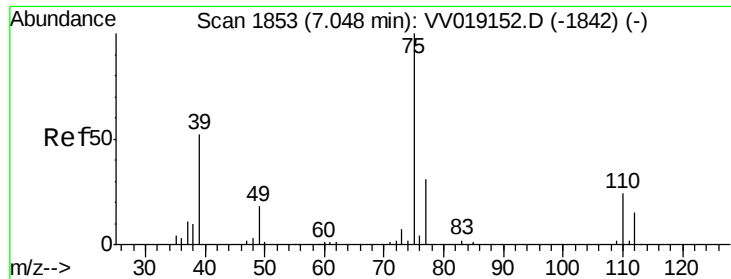
Ion Ratio Lower Upper

83 100

55 0.3 62.2 93.4#

98 1.4 39.4 59.2#

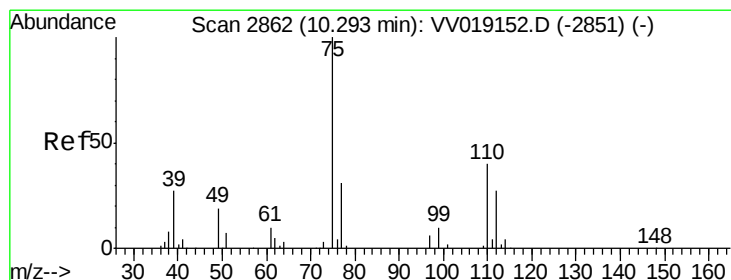
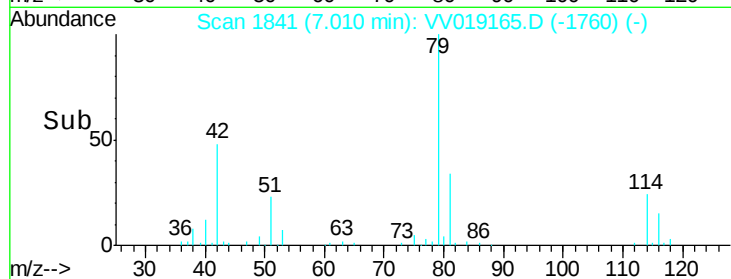
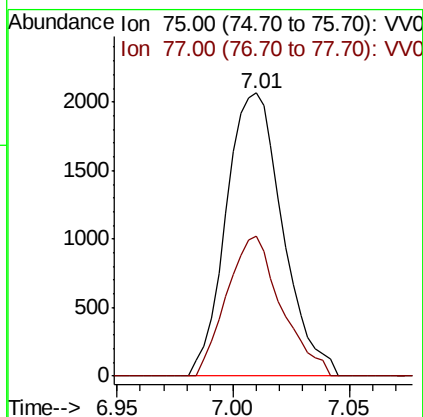
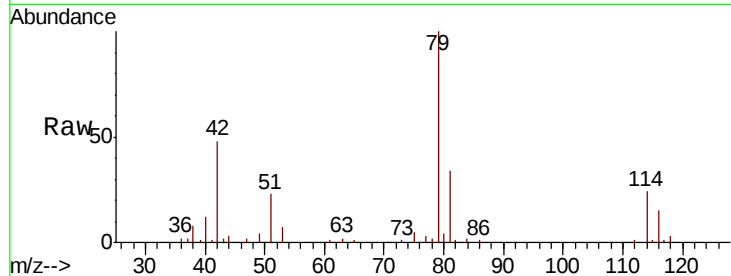




#39
 cis-1,3-Dichloropropene
 Concen: 1.314 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV019165.D
 Acq: 29 Oct 2020 23:34

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 3492
 Ion Ratio Lower Upper
 75 100
 77 49.4 22.7 42.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.847 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV019165.D
 Acq: 29 Oct 2020 23:34

Tgt Ion: 75 Resp: 12300
 Ion Ratio Lower Upper
 75 100
 77 41.4 26.2 39.4#

