

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018586.D
 Acq On : 01 Oct 2020 13:03
 Operator : SY/MD
 Sample : L4116-16DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA4DL

Quant Time: Oct 01 23:38:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 23:37:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	372900	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	372836	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	191089	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69752	31.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.78%
7) Chloroethane-d5	1.58	69	71746	39.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.36%
11) 1,1-Dichloroethene-d2	2.12	63	122409	27.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.94%#
21) 2-Butanone-d5	3.92	46	134961	82.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.73%
24) Chloroform-d	4.38	84	174775	36.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.92%
26) 1,2-Dichloroethane-d4	5.06	65	119602	39.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.68%
32) Benzene-d6	5.07	84	337660	35.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.50%
36) 1,2-Dichloropropane-d6	6.09	67	109572	38.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.80%
41) Toluene-d8	7.34	98	307048	34.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.12%#
43) trans-1,3-Dichloropropene-	7.64	79	53732	34.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.72%
47) 2-Hexanone-d5	8.11	63	77126	71.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	143817	38.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	148696	40.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.92%

Target Compounds

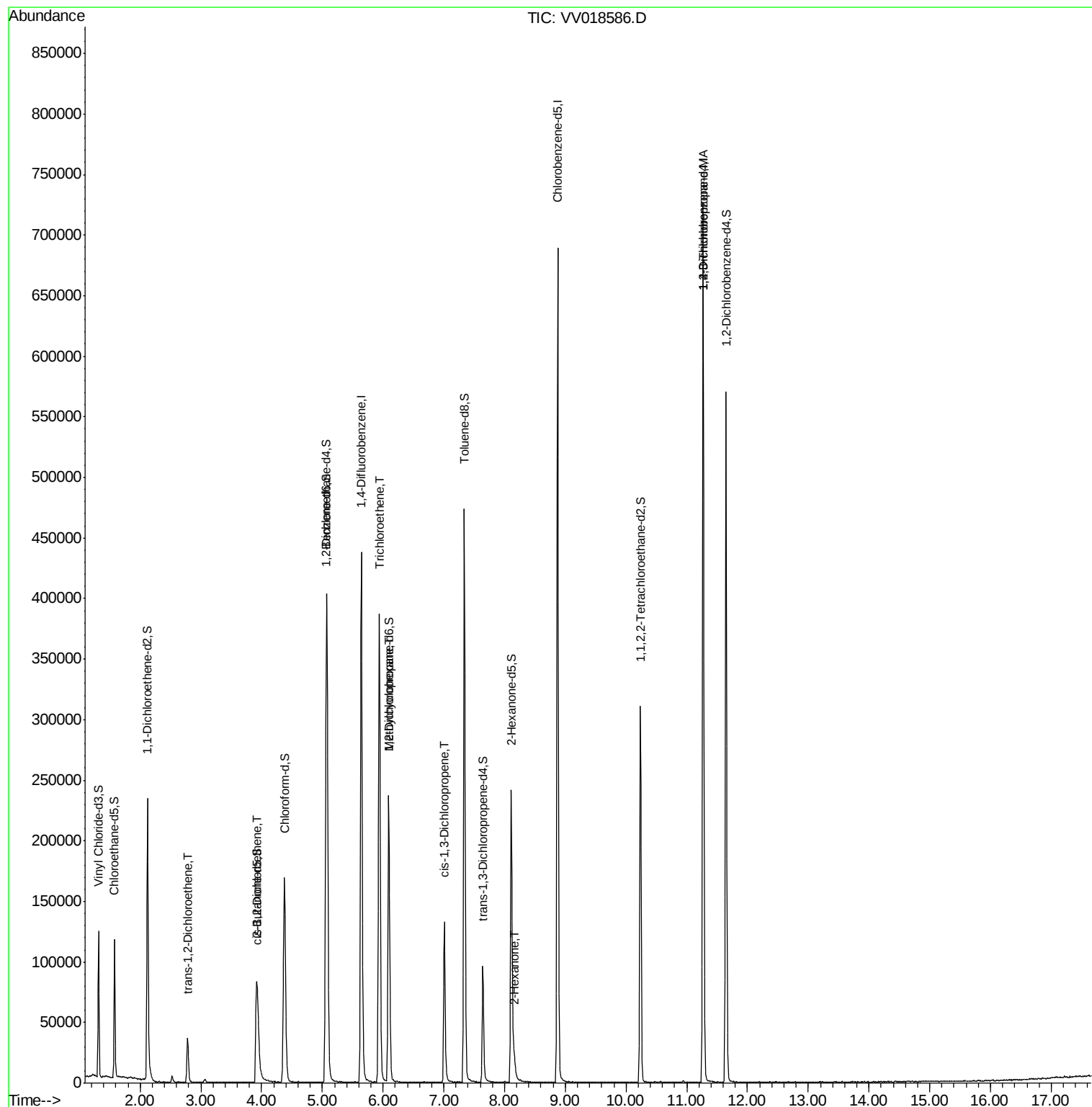
					Ovalue
17) trans-1,2-Dichloroethene	2.78	96	13747	5.161 ug/L	94
20) cis-1,2-Dichloroethene	3.94	96	8566	3.026 ug/L	98
34) Trichloroethene	5.94	95	128783	40.498 ug/L	99
35) Methylcyclohexane	6.09	83	27128	6.324 ug/L #	19
39) cis-1,3-Dichloropropene	7.01	75	3192	0.724 ug/L #	64
48) 2-Hexanone	8.16	43	10499	3.711 ug/L #	82
59) 1,2,3-Trichloropropane	11.27	75	21073	6.165 ug/L	90

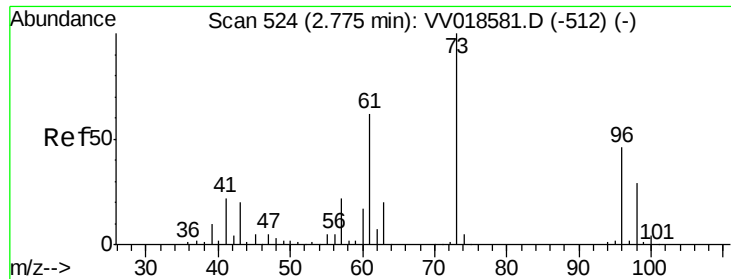
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 01 23:37:24 2020
Response via : Initial Calibration

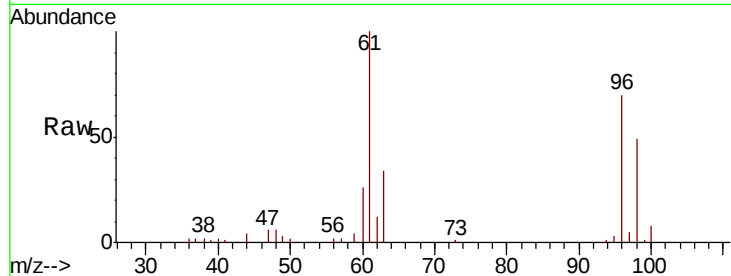




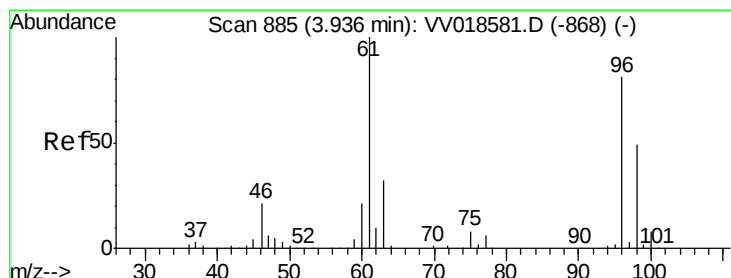
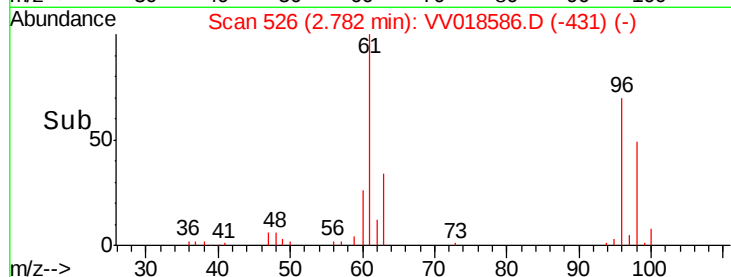
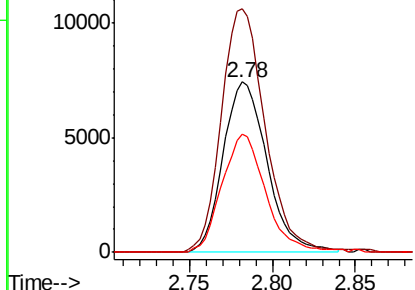
#17
trans-1,2-Dichloroethene
Concen: 5.161 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV018586.D
Acq: 01 Oct 2020 13:03

Instrument :
MSVOA_V
ClientSampleId :
E0AA4DL

Tot Ion: 96 Resp: 13747
Ion Ratio Lower Upper
96 100
61 142.7 95.0 176.4
98 69.5 44.6 82.8

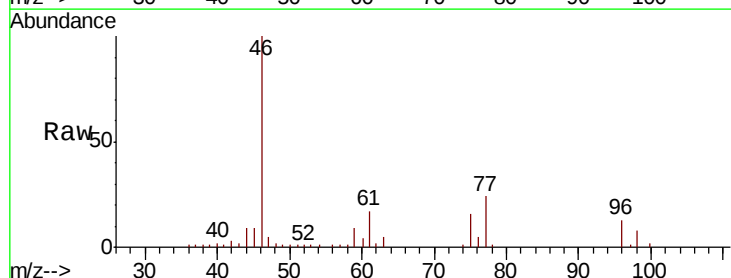


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

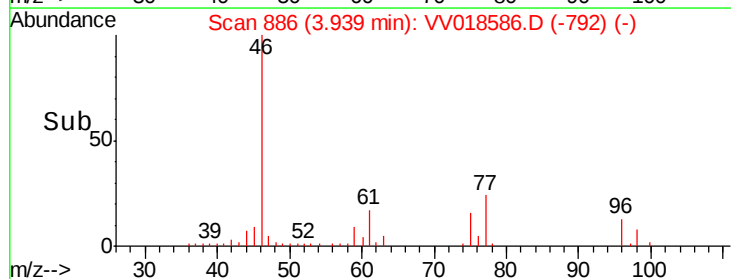
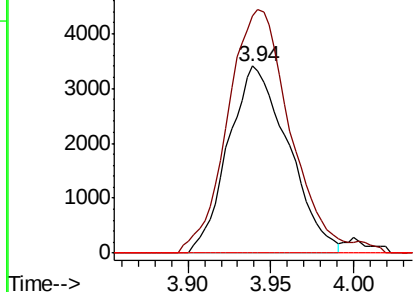


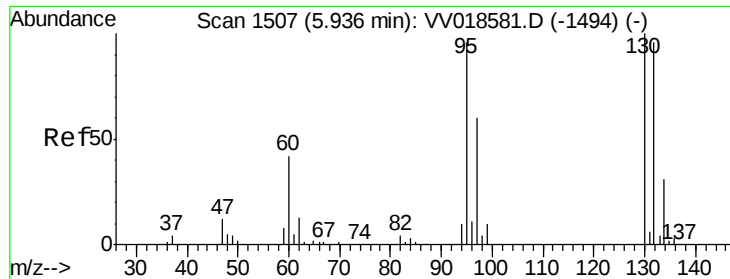
#20
cis-1,2-Dichloroethene
Concen: 3.026 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV018586.D
Acq: 01 Oct 2020 13:03

Tgt Ion: 96 Resp: 8566
Ion Ratio Lower Upper
96 100
61 126.6 86.8 161.2
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 40.498 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018586.D

Acq: 01 Oct 2020 13:03

Instrument :

MSVOA_V

ClientSampleId :

E0AA4DL

Tot Ion: 95 Resp: 128783

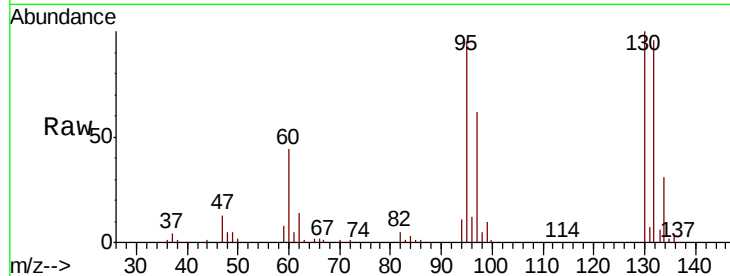
Ion Ratio Lower Upper

95 100

97 66.0 45.9 85.3

132 102.1 70.8 131.4

130 105.8 75.3 139.8

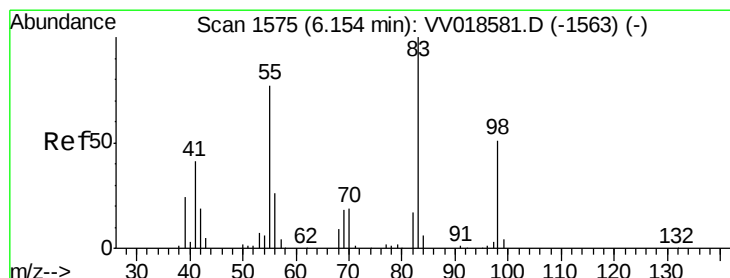
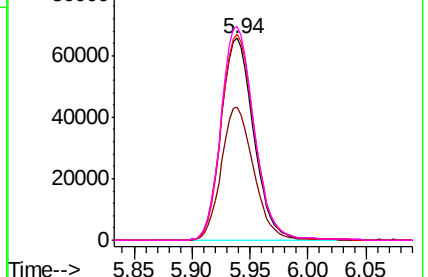
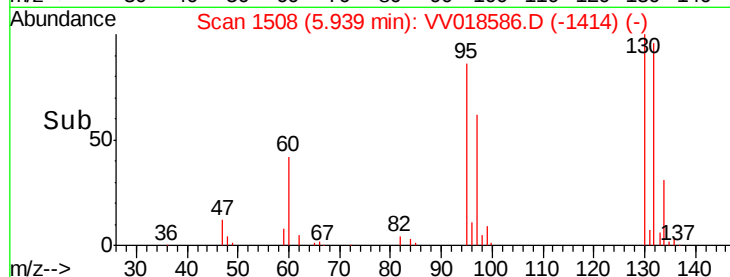


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 6.324 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018586.D

Acq: 01 Oct 2020 13:03

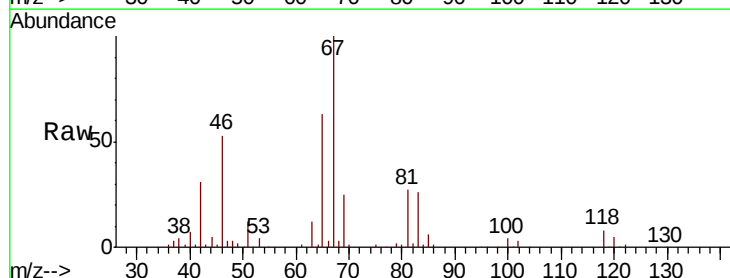
Tgt Ion: 83 Resp: 27128

Ion Ratio Lower Upper

83 100

55 0.2 60.1 90.1#

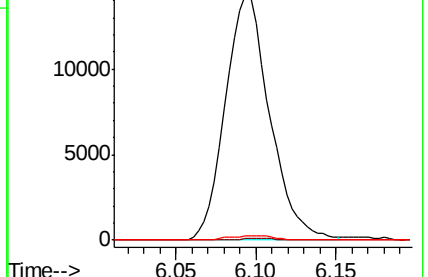
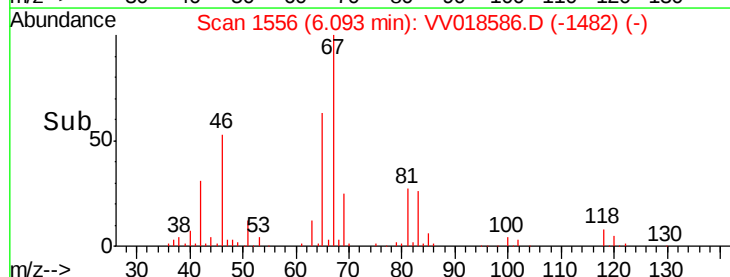
98 1.7 40.2 60.4#

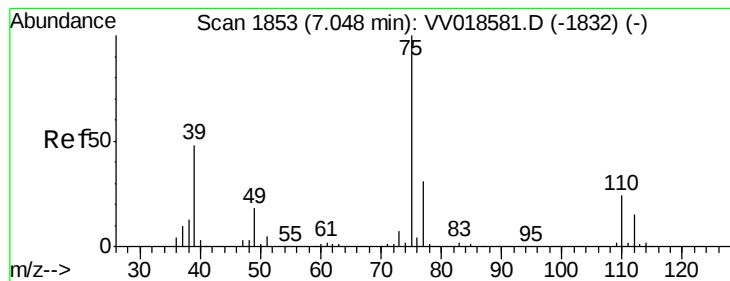


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



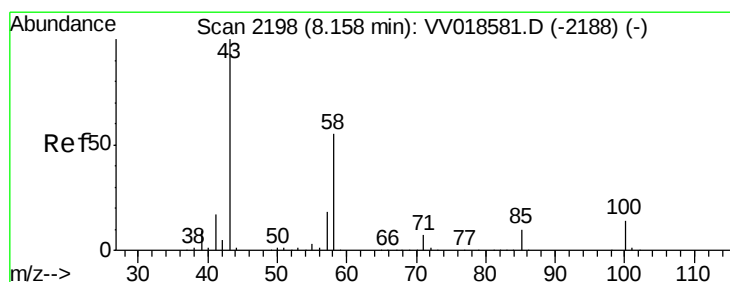
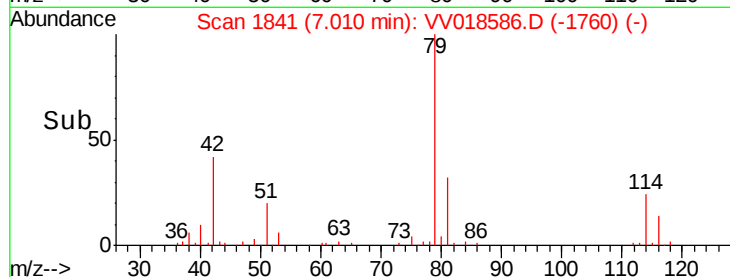
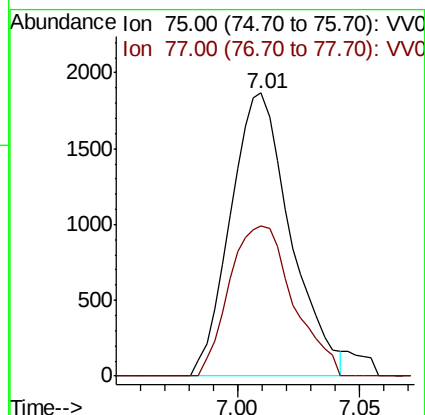
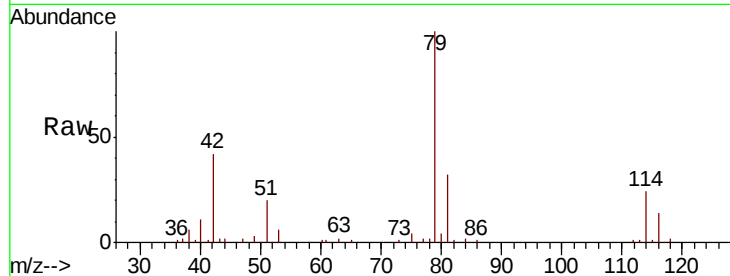


#39

cis-1,3-Dichloropropene
 Concen: 0.724 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018586.D
 Acq: 01 Oct 2020 13:03

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA4DL

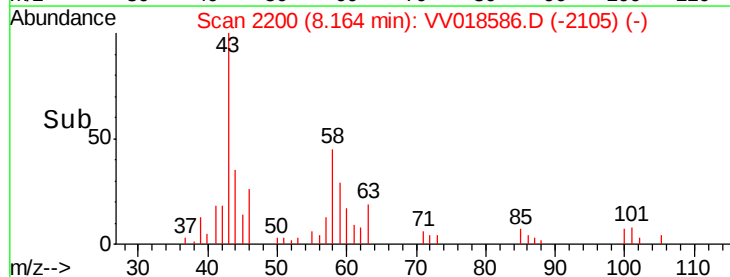
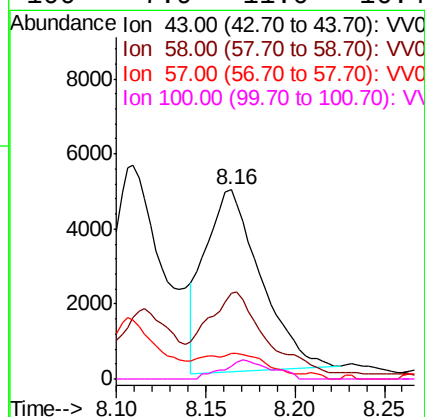
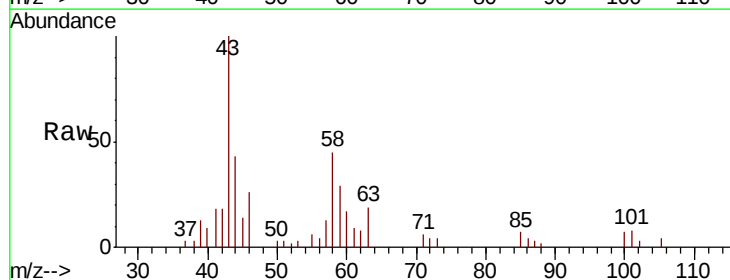
Tot Ion: 75 Resp: 3192
 Ion Ratio Lower Upper
 75 100
 77 52.9 23.0 42.6#

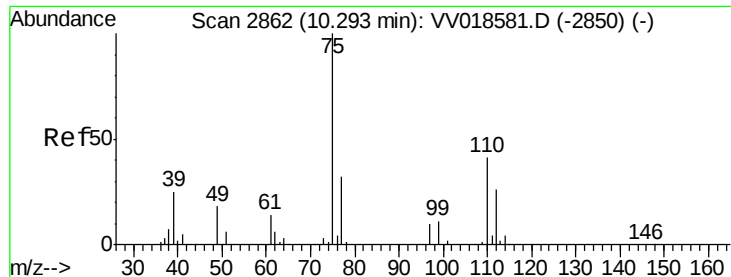


#48

2-Hexanone
 Concen: 3.711 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018586.D
 Acq: 01 Oct 2020 13:03

Tgt Ion: 43 Resp: 10499
 Ion Ratio Lower Upper
 43 100
 58 48.2 45.1 67.7
 57 1.0 15.7 23.5#
 100 7.9 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 6.165 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018586.D

Acq: 01 Oct 2020 13:03

Instrument :

MSVOA_V

ClientSampleId :

E0AA4DL

Tot Ion: 75 Resp: 21073

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.0

