

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018726.D
 Acq On : 07 Oct 2020 13:37
 Operator : SY/MD
 Sample : L4287-02DL 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 02:54:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 02:46:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	322974	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	290887	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	133638	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82187	43.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.78%
7) Chloroethane-d5	1.58	69	75610	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.56%
11) 1,1-Dichloroethene-d2	2.12	63	133017	34.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.94%
21) 2-Butanone-d5	3.92	46	113073	80.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.03%
24) Chloroform-d	4.38	84	166553	40.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.32%
26) 1,2-Dichloroethane-d4	5.06	65	126007	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
32) Benzene-d6	5.07	84	363912	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
36) 1,2-Dichloropropane-d6	6.09	67	112119	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.72%
41) Toluene-d8	7.34	98	282078	40.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.38%
43) trans-1,3-Dichloropropene-	7.64	79	48010	39.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.84%
47) 2-Hexanone-d5	8.11	63	54954	64.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	64.99%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	108118	36.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	120461	46.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.74%

Target Compounds

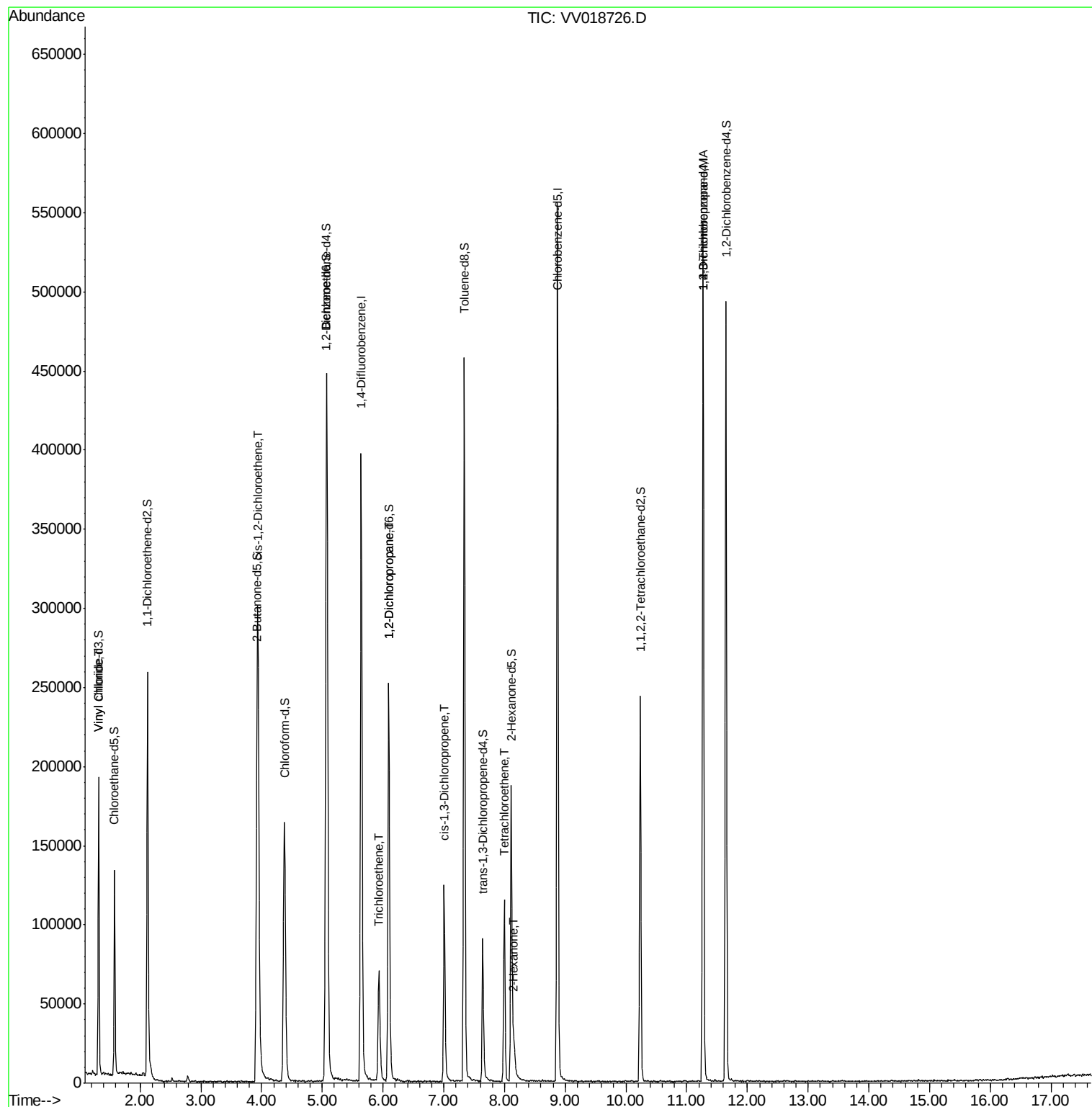
					Ovalue
5) Vinyl chloride	1.32	62	37084	15.010	ug/L 96
20) cis-1,2-Dichloroethene	3.94	96	142851	58.264	ug/L 94
34) Trichloroethene	5.94	95	12359	4.981	ug/L 96
37) 1,2-Dichloropropane	6.09	63	13962	6.368	ug/L # 86
39) cis-1,3-Dichloropropene	7.01	75	3496	1.016	ug/L # 60
46) Tetrachloroethene	8.00	164	25372	12.605	ug/L 94
48) 2-Hexanone	8.16	43	10147	4.597	ug/L # 87
59) 1,2,3-Trichloropropane	11.27	75	16955	6.358	ug/L 90

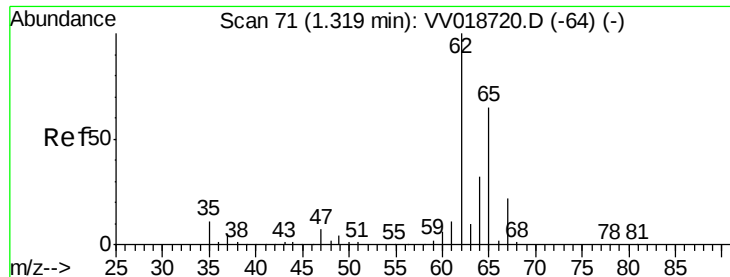
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 08 02:46:20 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 15.010 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018726.D

Acq: 07 Oct 2020 13:37

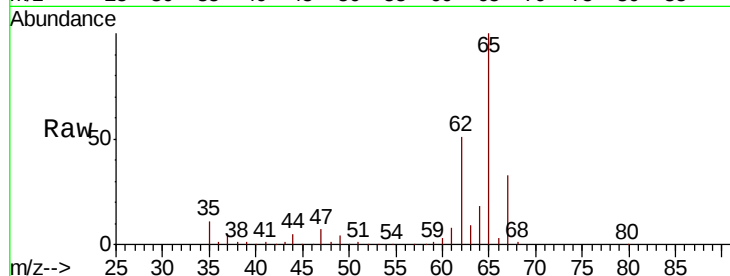
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 37084

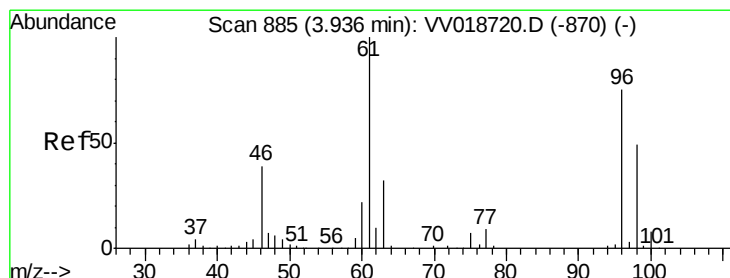
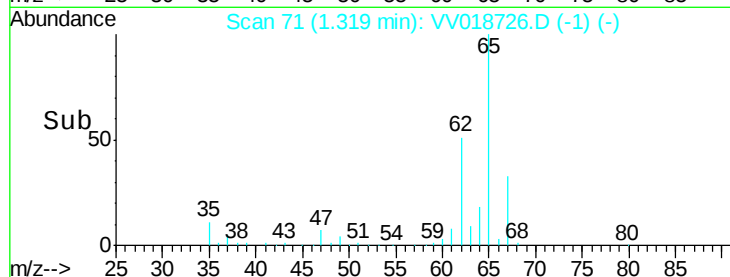
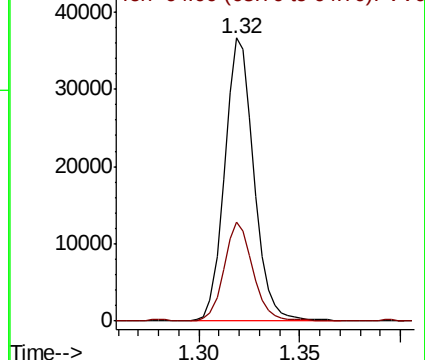
Ion Ratio Lower Upper

62 100

64 34.9 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 64.00 (63.70 to 64.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 58.264 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

Lab File: VV018726.D

Acq: 07 Oct 2020 13:37

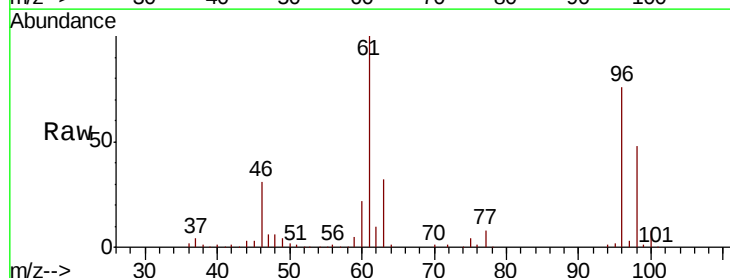
Tgt Ion: 96 Resp: 142851

Ion Ratio Lower Upper

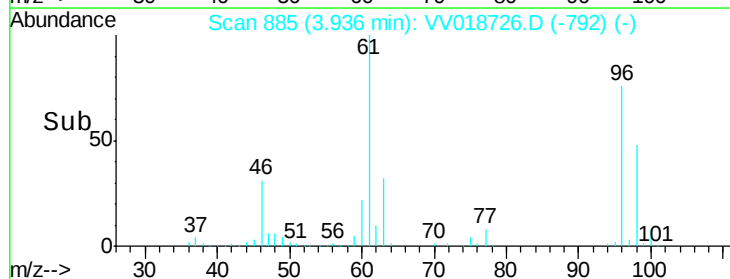
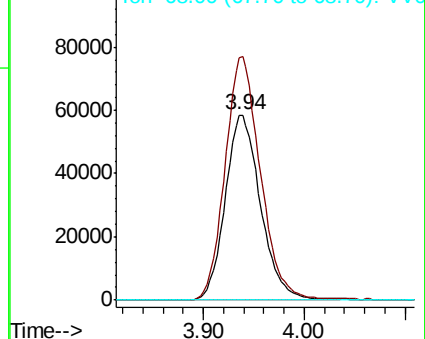
96 100

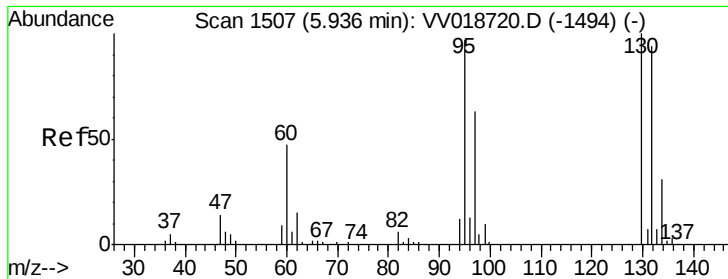
61 130.9 86.8 161.2

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

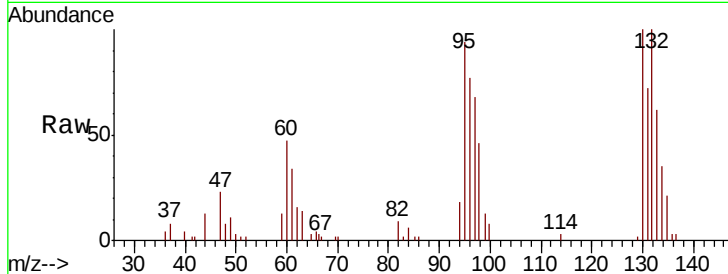




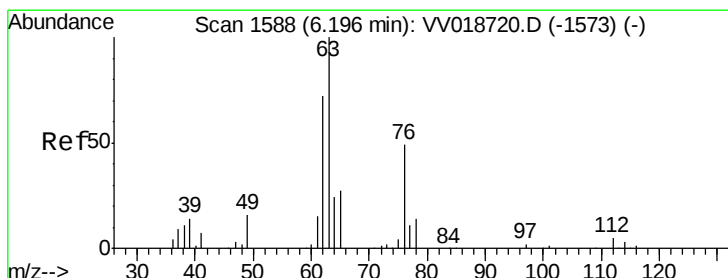
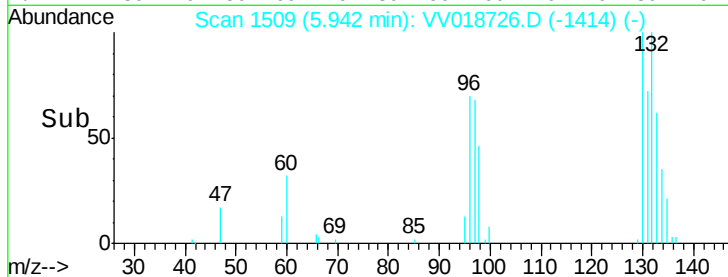
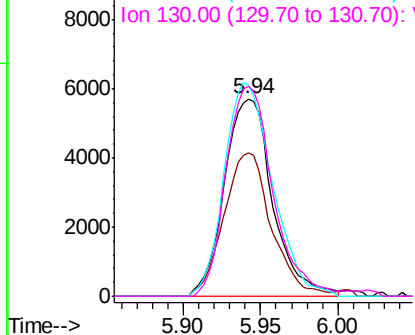
#34
 Trichloroethene
 Concen: 4.981 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV018726.D
 Acq: 07 Oct 2020 13:37

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 12359
 Ion Ratio Lower Upper
 95 100
 97 72.3 45.9 85.3
 132 106.7 70.8 131.4
 130 106.4 75.3 139.8

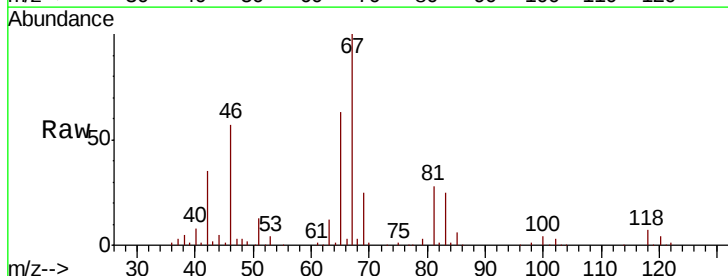


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

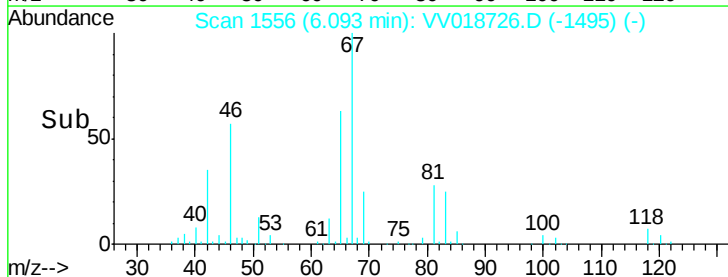
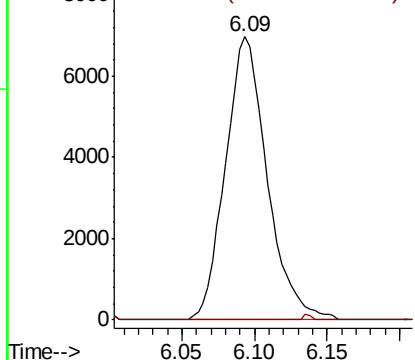


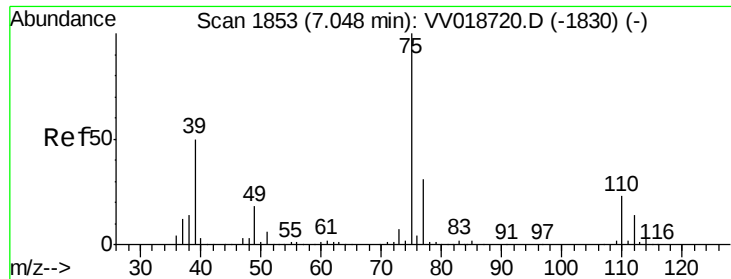
#37
 1,2-Dichloropropane
 Concen: 6.368 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018726.D
 Acq: 07 Oct 2020 13:37

Tgt Ion: 63 Resp: 13962
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VV0
 Ion 112.00 (111.70 to 112.70): VV0

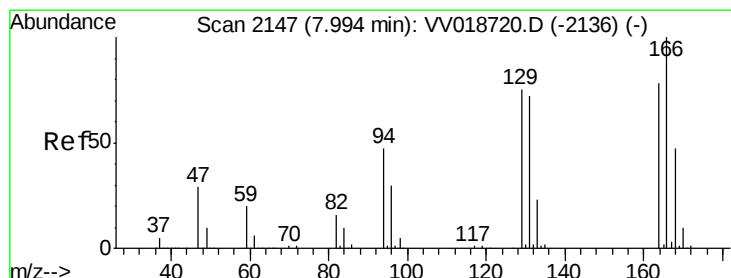
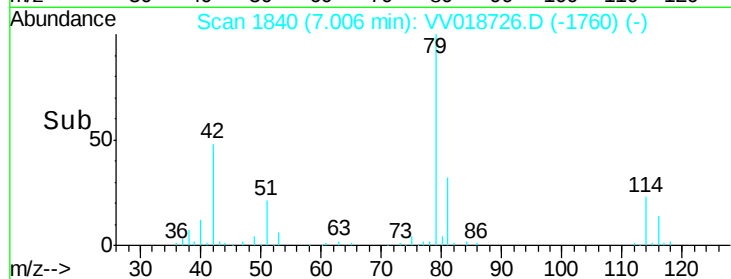
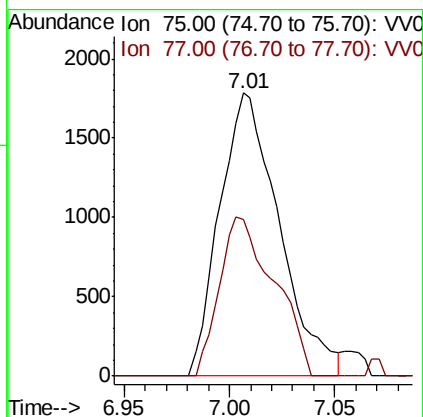
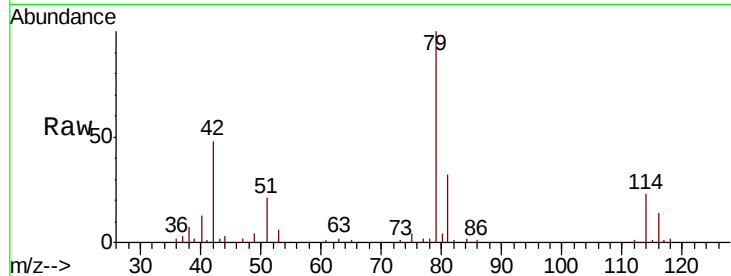




#39
 cis-1,3-Dichloropropene
 Concen: 1.016 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018726.D
 Acq: 07 Oct 2020 13:37

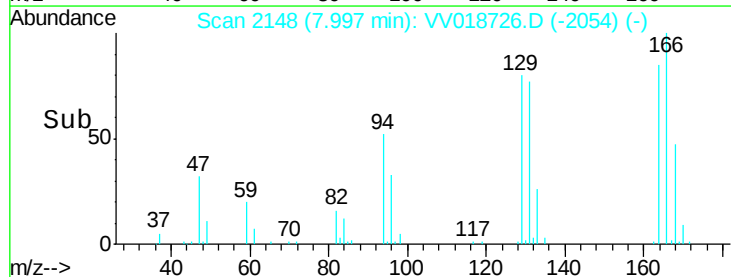
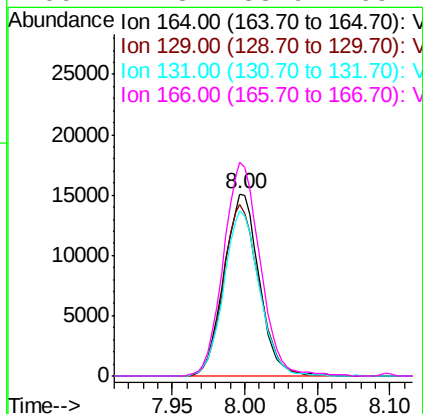
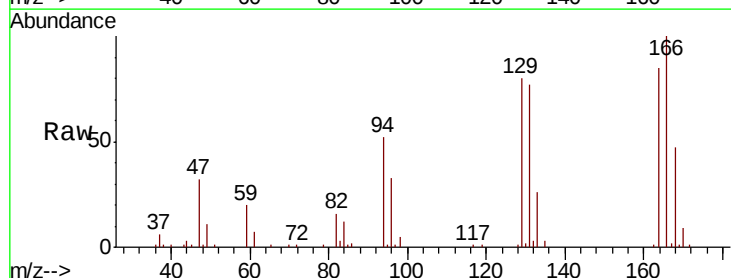
Instrument :
 MSVOA_V
 ClientSampleId :

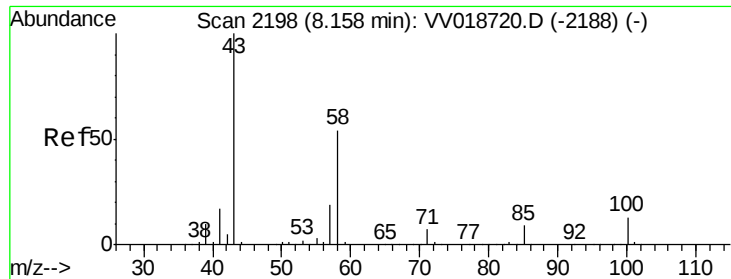
Tot Ion: 75 Resp: 3496
 Ion Ratio Lower Upper
 75 100
 77 55.2 23.0 42.6#



#46
 Tetrachloroethene
 Concen: 12.605 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV018726.D
 Acq: 07 Oct 2020 13:37

Tgt Ion: 164 Resp: 25372
 Ion Ratio Lower Upper
 164 100
 129 94.0 62.8 116.6
 131 90.4 60.8 112.8
 166 117.3 88.9 165.1

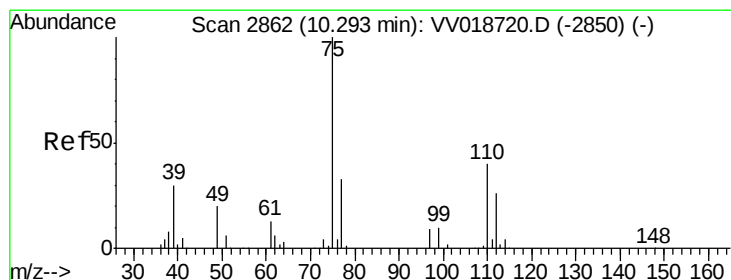
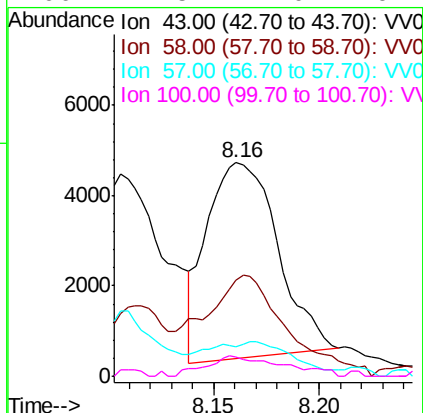
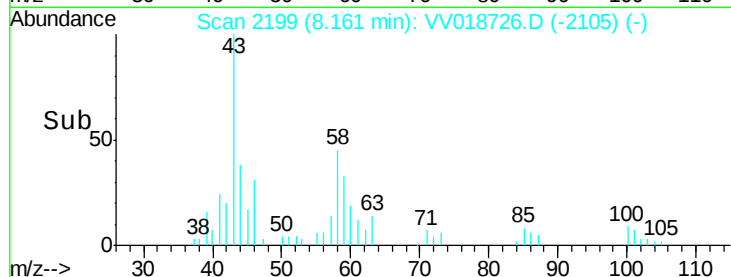
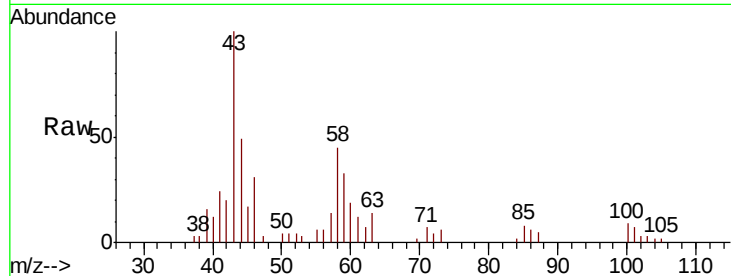




#48
2-Hexanone
Concen: 4.597 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018726.D
Acq: 07 Oct 2020 13:37

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 10147
Ion Ratio Lower Upper
43 100
58 50.3 45.1 67.7
57 12.6 15.7 23.5#
100 2.5 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 6.358 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018726.D
Acq: 07 Oct 2020 13:37

Tgt Ion: 75 Resp: 16955
Ion Ratio Lower Upper
75 100
77 37.1 25.4 38.0

