

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\
 Data File : VV017836.D
 Acq On : 07 Aug 2020 13:43
 Operator : SY/MD
 Sample : L3590-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 08 00:25:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 00:22:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	215564	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	212771	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120755	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41739	39.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.42%
7) Chloroethane-d5	1.58	69	39798	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.68%
11) 1,1-Dichloroethene-d2	2.12	63	84059	33.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.56%
21) 2-Butanone-d5	3.91	46	74323	94.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.03%
24) Chloroform-d	4.38	84	140996	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
26) 1,2-Dichloroethane-d4	5.05	65	112202	53.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.94%
32) Benzene-d6	5.07	84	234076	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.09	67	62076	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.30%
41) Toluene-d8	7.34	98	236168	47.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.70%
43) trans-1,3-Dichloropropene-	7.64	79	22811	24.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.66%#
47) 2-Hexanone-d5	8.11	63	53311	89.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.22%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	98929	47.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	127809	53.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.84%

Target Compounds

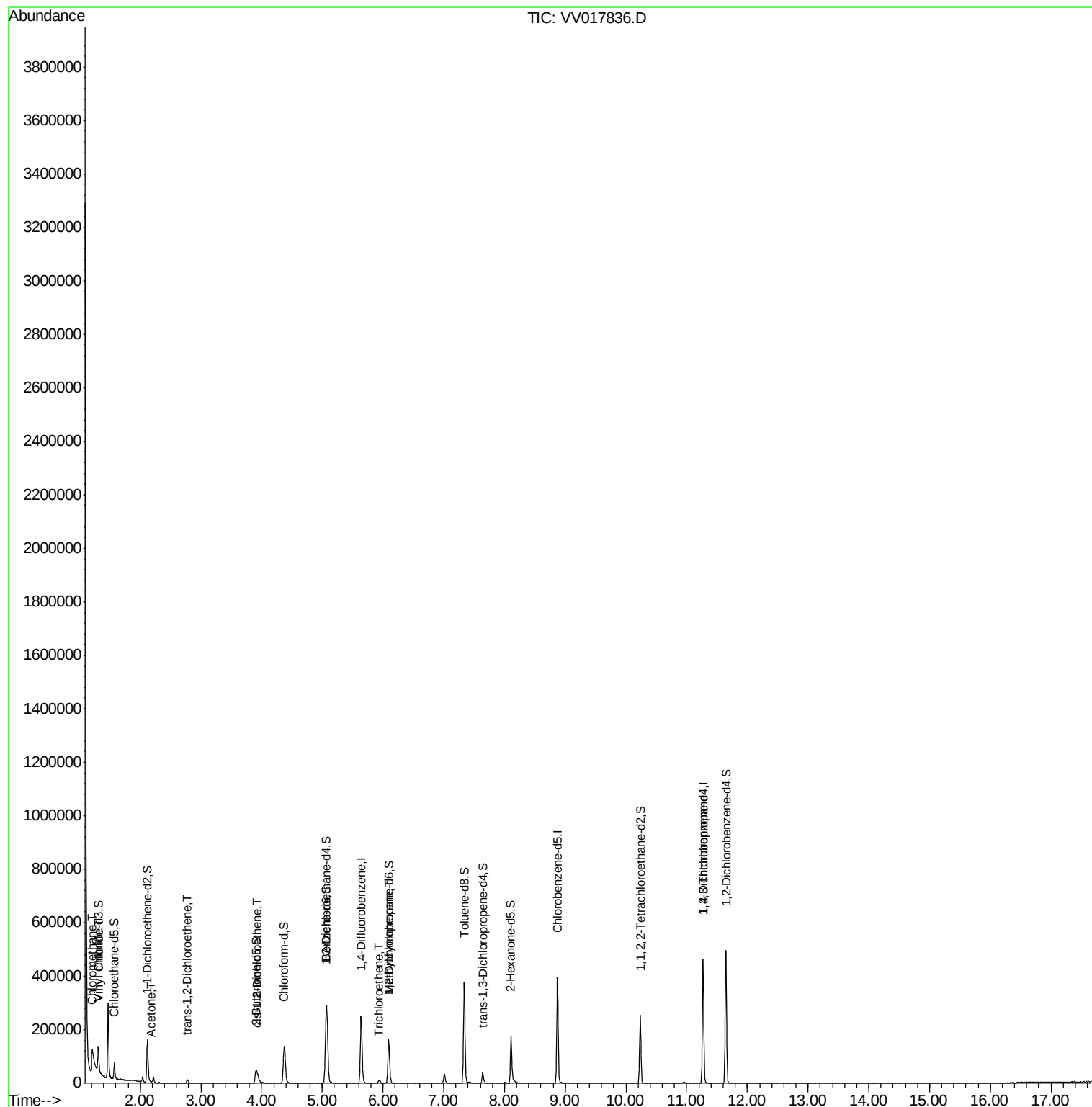
					Ovalue
3) Chloromethane	1.21	50	1554	1.076 ug/L #	41
5) Vinyl chloride	1.32	62	15317	10.016 ug/L #	1
13) Acetone	2.19	43	3437	3.424 ug/L	90
17) trans-1,2-Dichloroethene	2.78	96	2097	1.433 ug/L	91
20) cis-1,2-Dichloroethene	3.94	96	4076	2.609 ug/L	94
34) Trichloroethene	5.94	95	1904	1.161 ug/L	89
35) Methylcyclohexane	6.10	83	21178	8.802 ug/L #	19
59) 1,2,3-Trichloropropane	11.27	75	10611	5.512 ug/L #	66

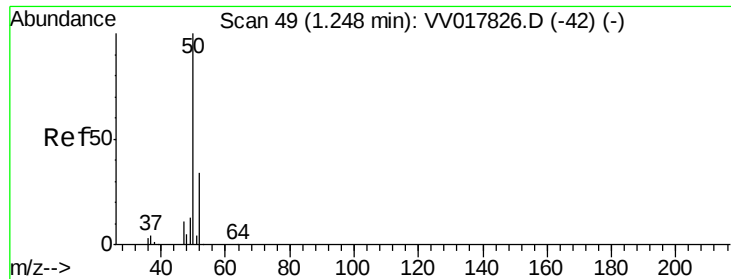
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 08 00:22:47 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.076 ug/L

RT: 1.21 min Scan# 37

Delta R.T. -0.04 min

Lab File: VV017836.D

Acq: 07 Aug 2020 13:43

Instrument :

MSVOA_V

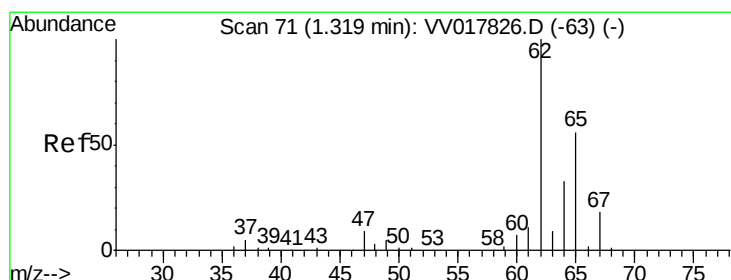
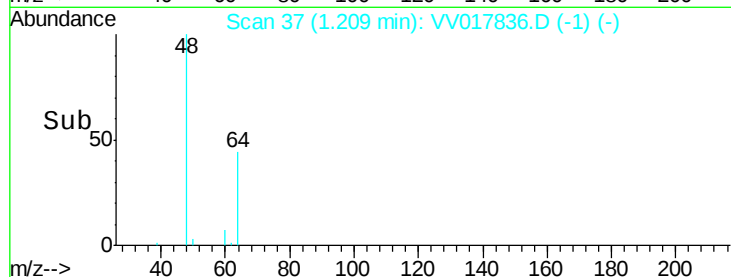
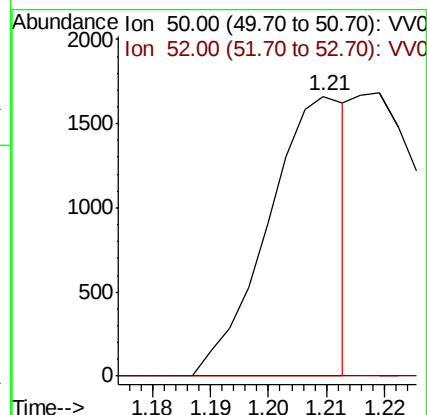
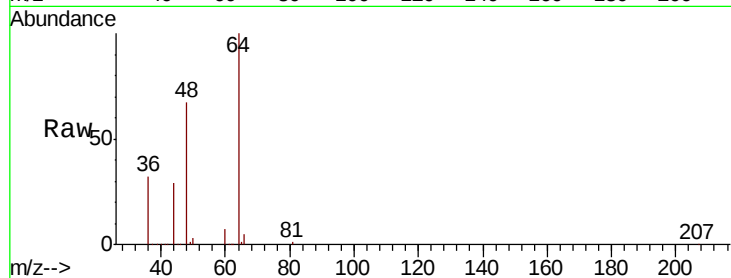
ClientSampleId :

Tot Ion: 50 Resp: 1554

Ion Ratio Lower Upper

50 100

52 0.0 23.6 43.8#



#5

Vinyl chloride

Concen: 10.016 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017836.D

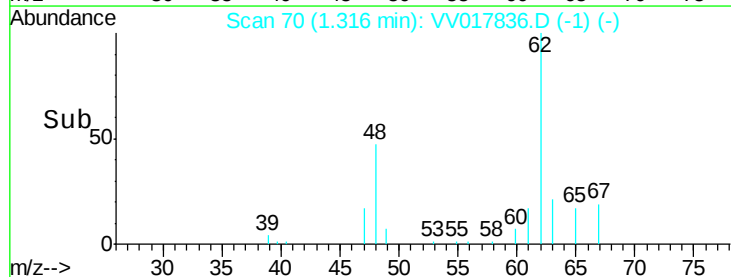
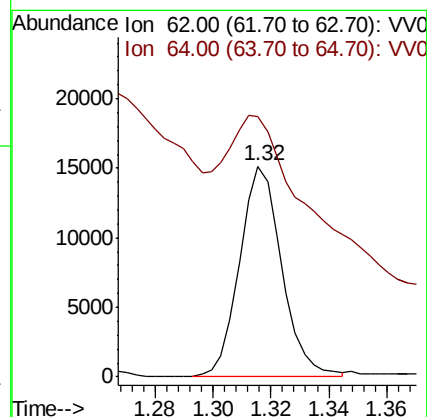
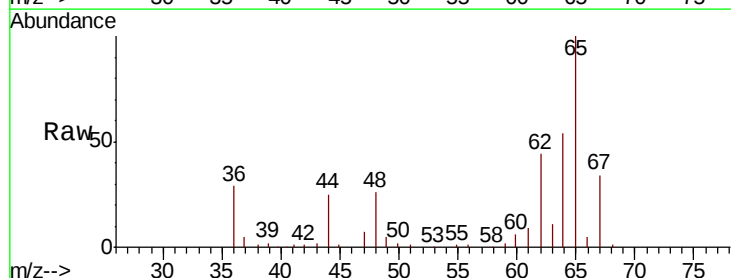
Acq: 07 Aug 2020 13:43

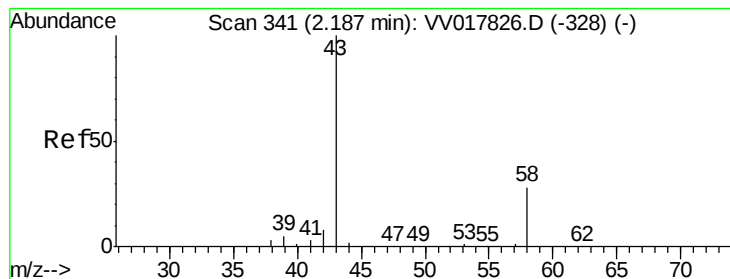
Tgt Ion: 62 Resp: 15317

Ion Ratio Lower Upper

62 100

64 123.4 22.9 42.5#





#13

Acetone

Concen: 3.424 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV017836.D

Acq: 07 Aug 2020 13:43

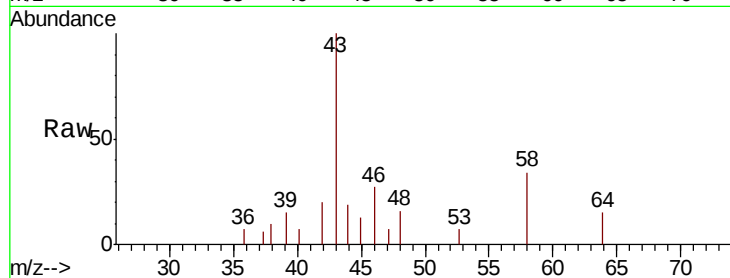
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 3437

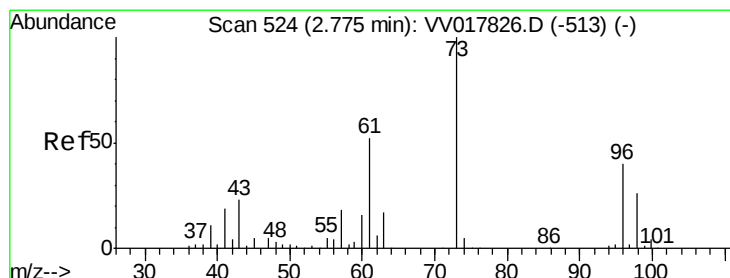
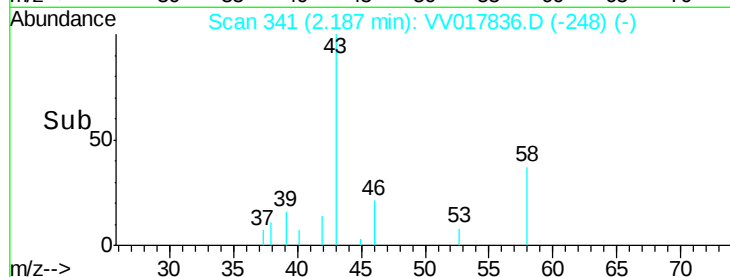
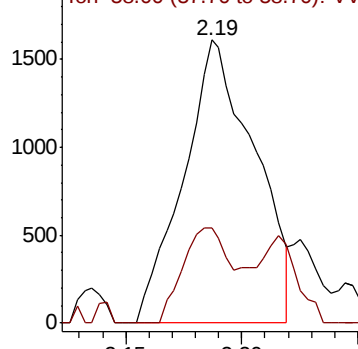
Ion Ratio Lower Upper

43 100

58 21.2 0.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0



#17

trans-1,2-Dichloroethene

Concen: 1.433 ug/L

RT: 2.78 min Scan# 524

Delta R.T. 0.00 min

Lab File: VV017836.D

Acq: 07 Aug 2020 13:43

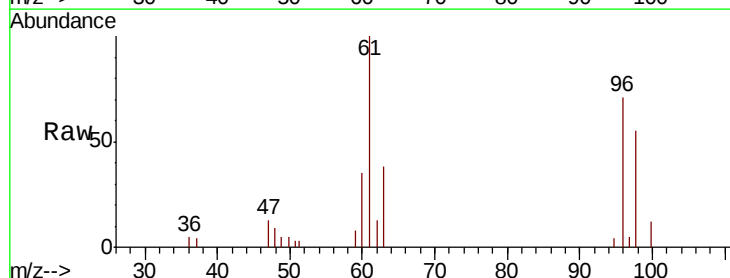
Tgt Ion: 96 Resp: 2097

Ion Ratio Lower Upper

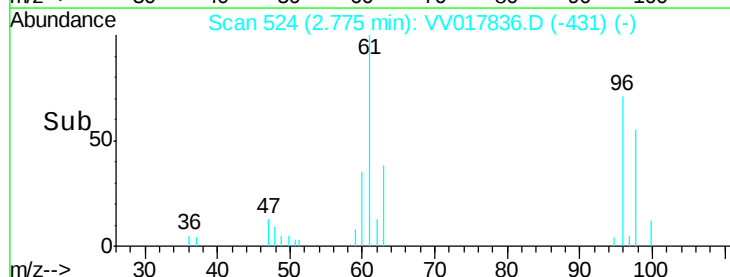
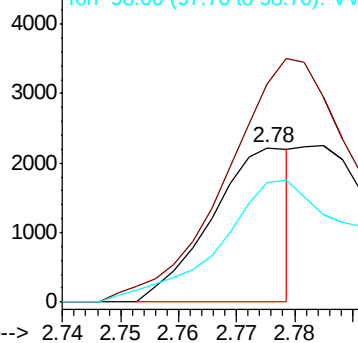
96 100

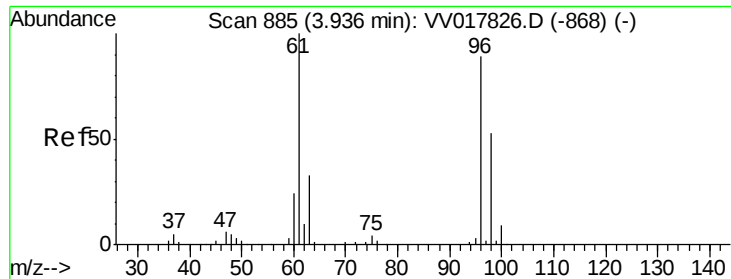
61 141.4 96.2 178.8

98 77.6 43.2 80.2



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

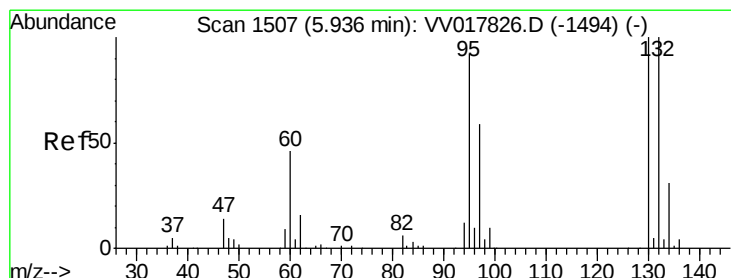
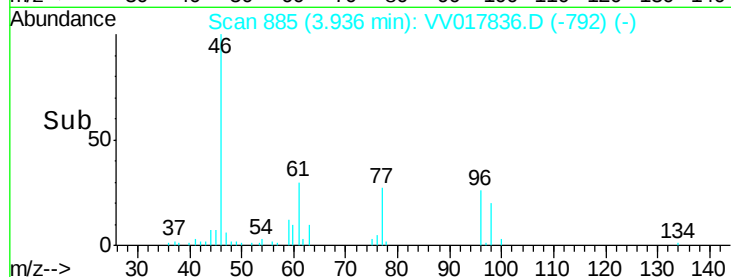
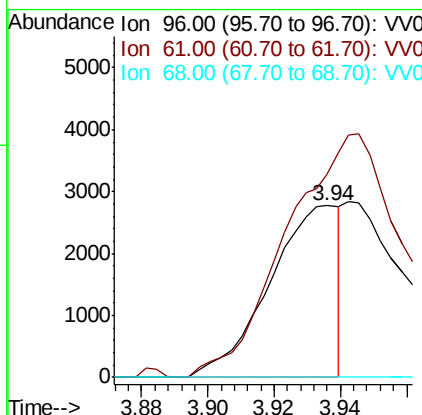
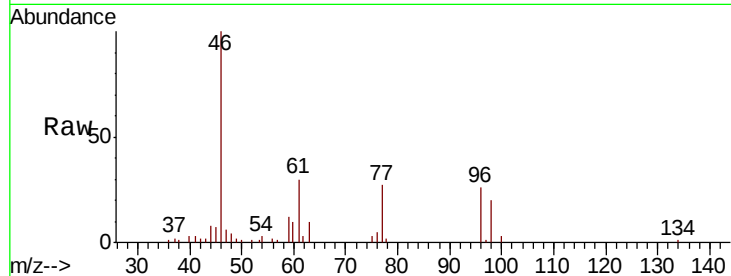




#20
 cis-1,2-Dichloroethene
 Concen: 2.609 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV017836.D
 Acq: 07 Aug 2020 13:43

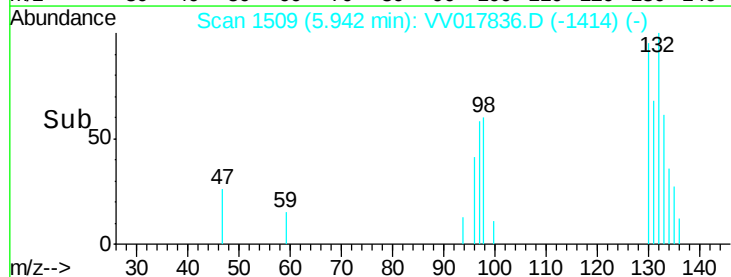
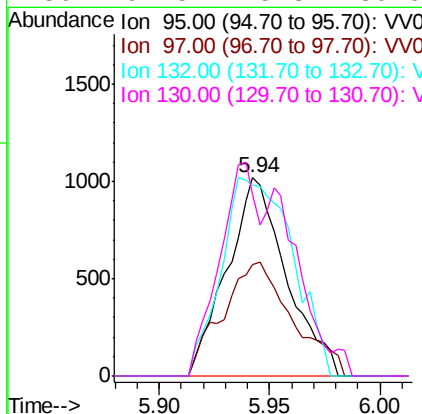
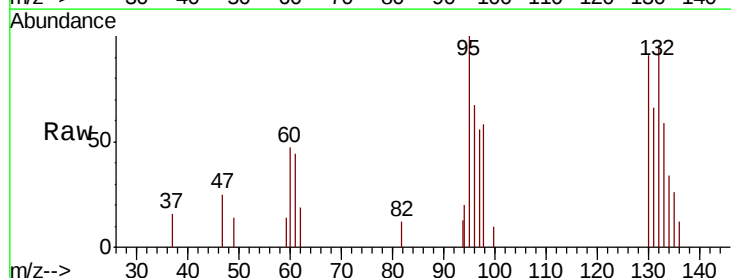
Instrument :
 MSVOA_V
 ClientSampled :

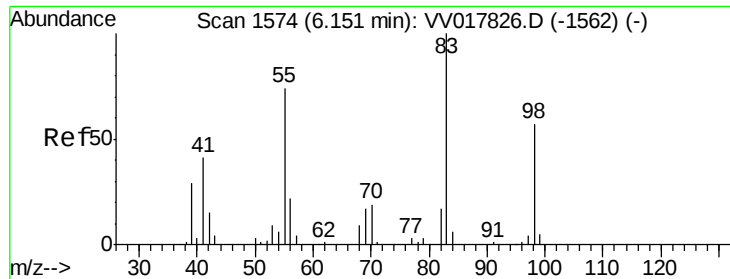
Tot Ion: 96 Resp: 4076
 Ion Ratio Lower Upper
 96 100
 61 118.1 87.3 162.1
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 1.161 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV017836.D
 Acq: 07 Aug 2020 13:43

Tgt Ion: 95 Resp: 1904
 Ion Ratio Lower Upper
 95 100
 97 56.3 45.3 84.1
 132 96.4 71.4 132.6
 130 91.5 75.3 139.9

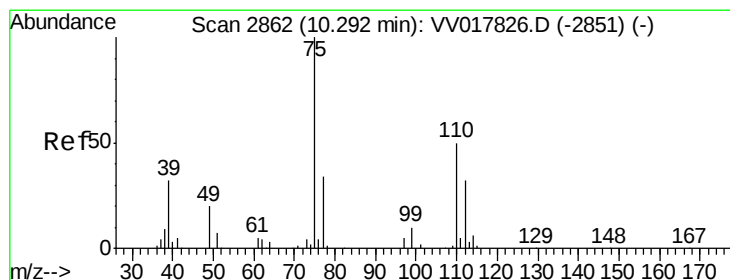
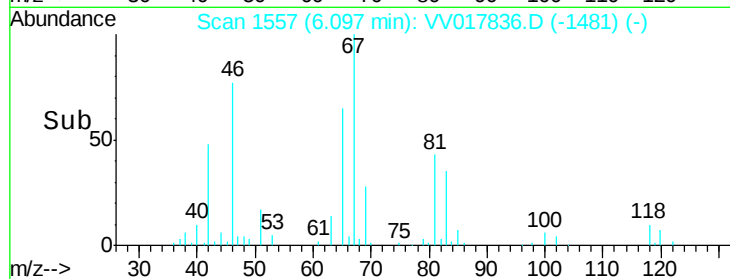
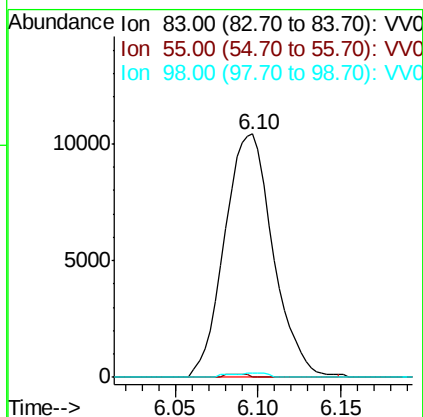
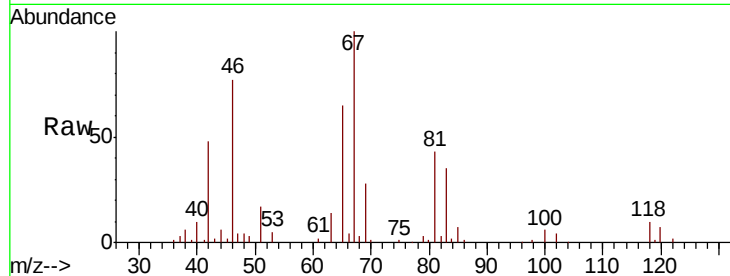




#35
Methylcyclohexane
Concen: 8.802 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017836.D
Acq: 07 Aug 2020 13:43

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 21178
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.2#
98 0.9 41.2 61.8#



#59
1,2,3-Trichloropropane
Concen: 5.512 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV017836.D
Acq: 07 Aug 2020 13:43

Tgt Ion: 75 Resp: 10611
Ion Ratio Lower Upper
75 100
77 50.2 25.1 37.7#

