

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100820\
 Data File : VV018768.D
 Acq On : 08 Oct 2020 16:23
 Operator : SY/MD
 Sample : L4289-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG8

Quant Time: Oct 09 07:18:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 07:09:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	333620	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	324117	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	150885	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78925	40.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.68%
7) Chloroethane-d5	1.58	69	77863	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.26%
11) 1,1-Dichloroethene-d2	2.12	63	138947	34.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.70%
21) 2-Butanone-d5	3.91	46	160176	109.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.75%
24) Chloroform-d	4.37	84	199924	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
26) 1,2-Dichloroethane-d4	5.06	65	144021	53.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.24%
32) Benzene-d6	5.07	84	400989	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
36) 1,2-Dichloropropane-d6	6.09	67	118971	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.92%
41) Toluene-d8	7.34	98	310954	40.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.52%
43) trans-1,3-Dichloropropene-	7.64	79	49829	37.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.38%
47) 2-Hexanone-d5	8.11	63	70856	75.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	141241	42.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	131019	45.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.30%

Target Compounds

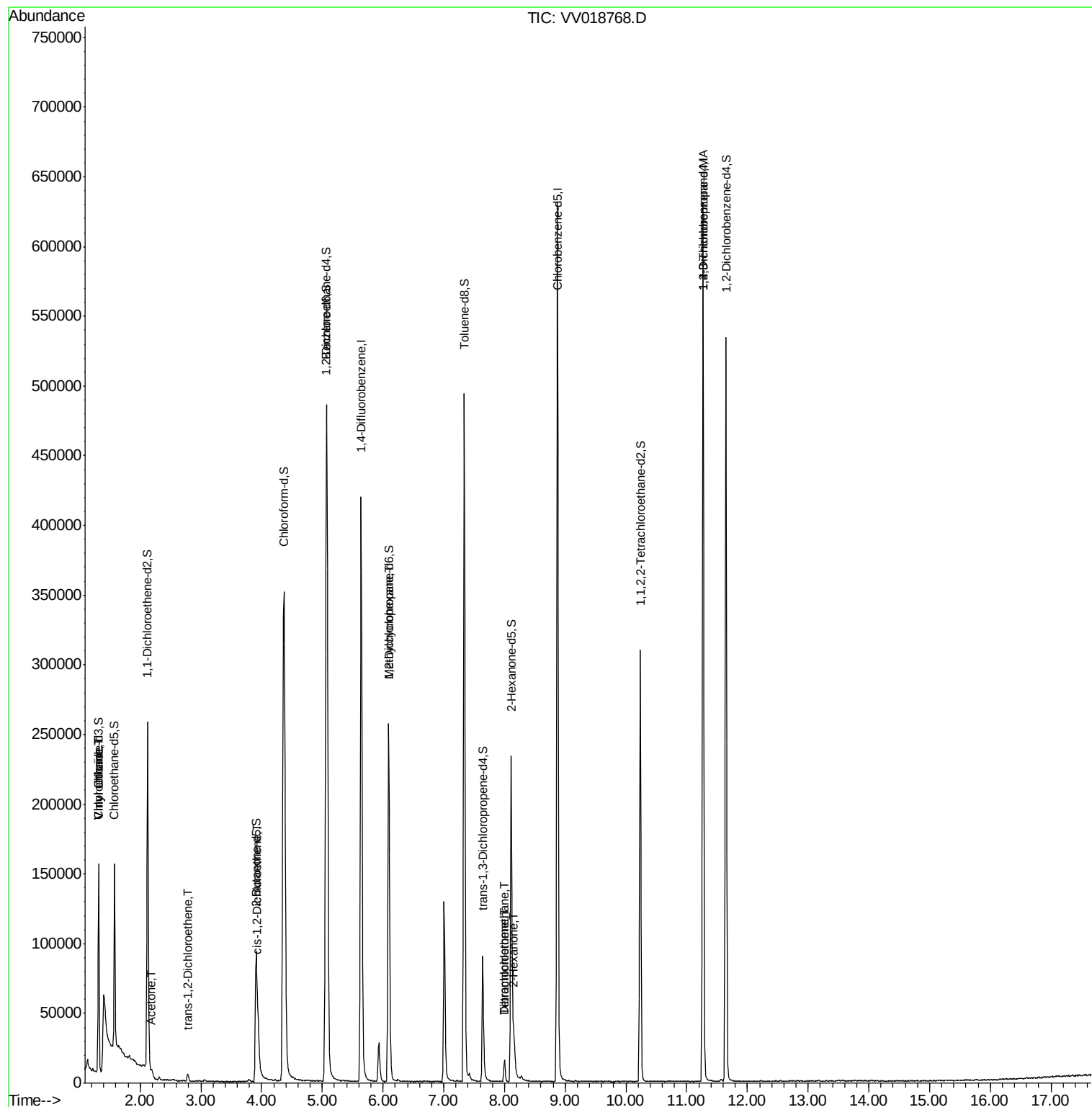
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	12818	5.023	ug/L	89
8) Chloroethane	1.32	64	5338	3.394	ug/L	90
13) Acetone	2.19	43	8537	6.770	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	1729	0.726	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	9471	3.740	ug/L	91
35) Methylcyclohexane	6.09	83	28090	7.532	ug/L #	19
46) Tetrachloroethene	8.00	164	3546	1.581	ug/L	95
48) 2-Hexanone	8.16	43	15459	6.285	ug/L #	78
49) Dibromochloromethane	8.00	129	3626	1.311	ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	18527	6.235	ug/L	89

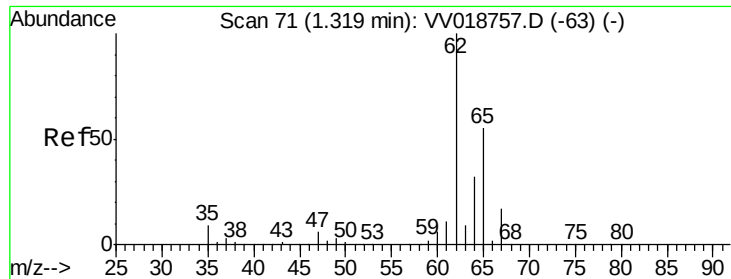
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Oct 09 07:09:39 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.023 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV018768.D

Acq: 08 Oct 2020 16:23

Instrument :

MSVOA_V

ClientSampled :

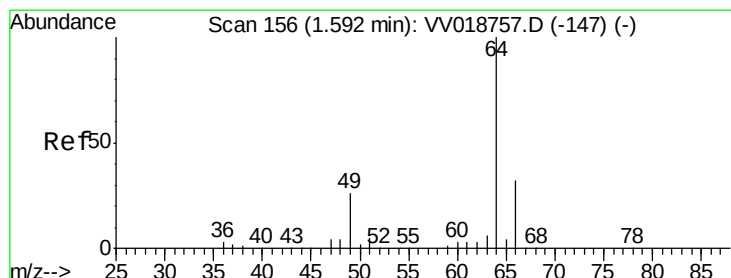
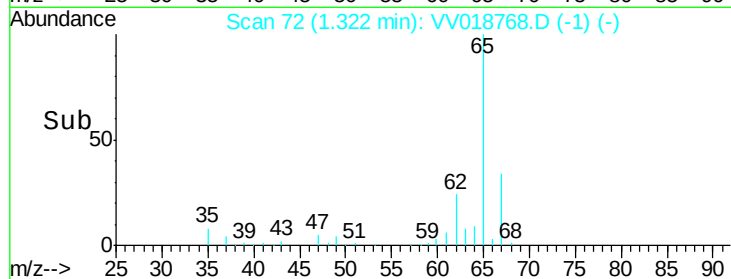
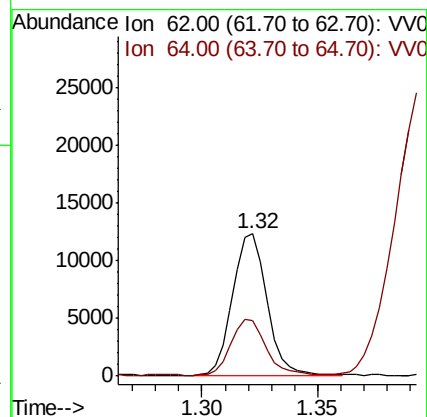
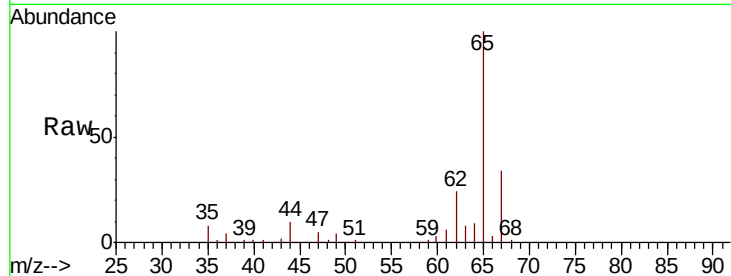
C0AG8

Tot Ion: 62 Resp: 12818

Ion Ratio Lower Upper

62 100

64 38.8 22.9 42.5



#8

Chloroethane

Concen: 3.394 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.27 min

Lab File: VV018768.D

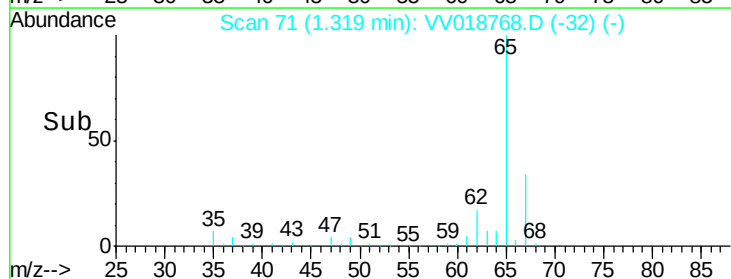
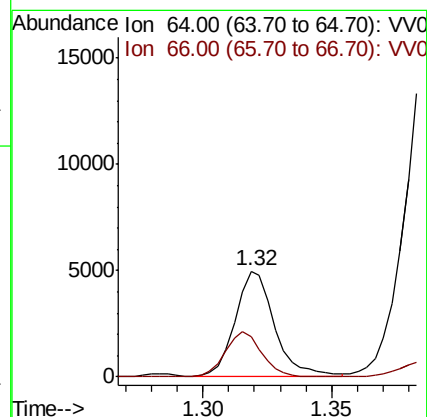
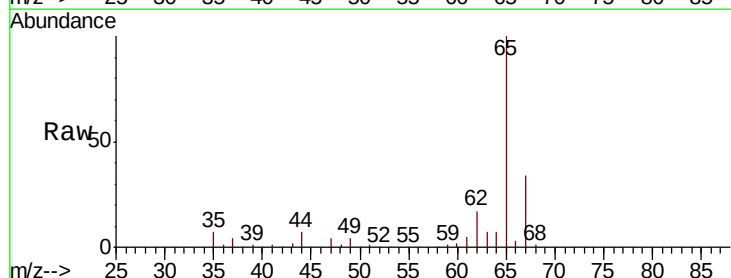
Acq: 08 Oct 2020 16:23

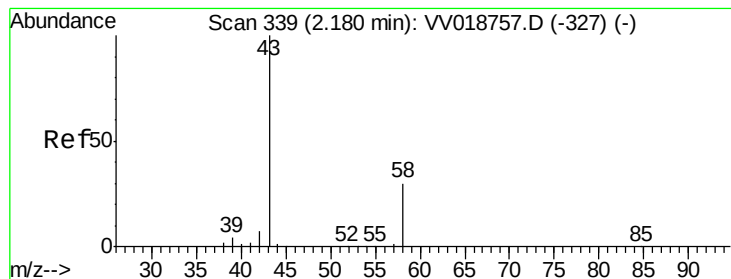
Tgt Ion: 64 Resp: 5338

Ion Ratio Lower Upper

64 100

66 38.0 22.8 42.4





#13

Acetone

Concen: 6.770 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV018768.D

Acq: 08 Oct 2020 16:23

Instrument :

MSVOA_V

ClientSampleId :

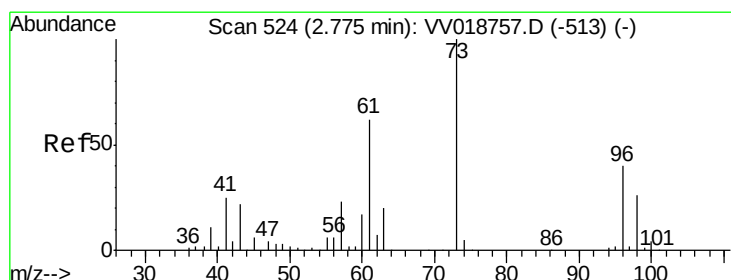
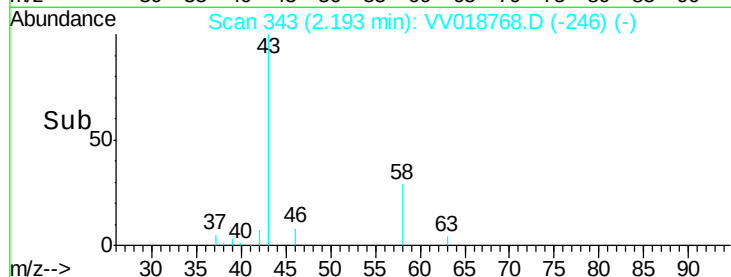
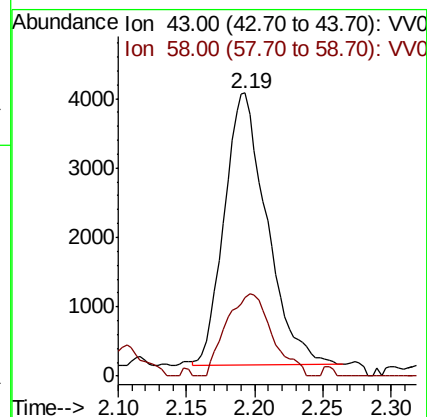
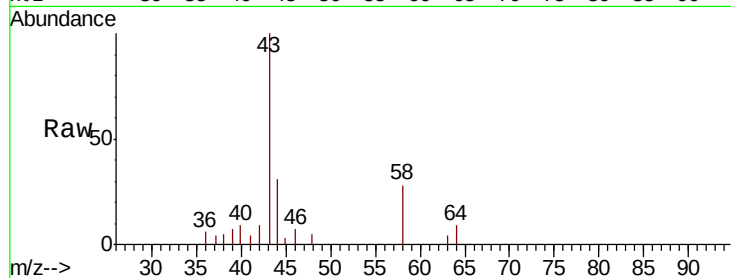
C0AG8

Tot Ion: 43 Resp: 8537

Ion Ratio Lower Upper

43 100

58 32.5 0.0 64.0



#17

trans-1,2-Dichloroethene

Concen: 0.726 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV018768.D

Acq: 08 Oct 2020 16:23

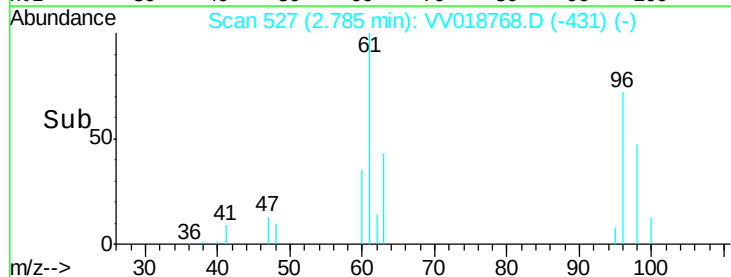
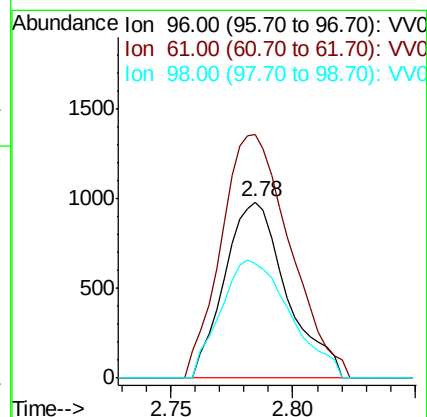
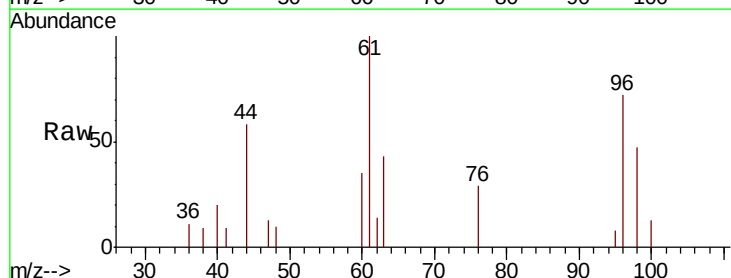
Tgt Ion: 96 Resp: 1729

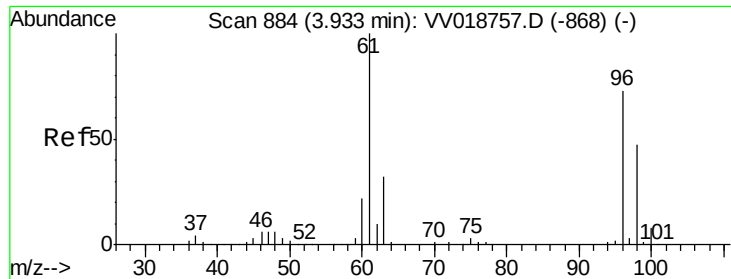
Ion Ratio Lower Upper

96 100

61 138.4 95.0 176.4

98 64.8 44.6 82.8

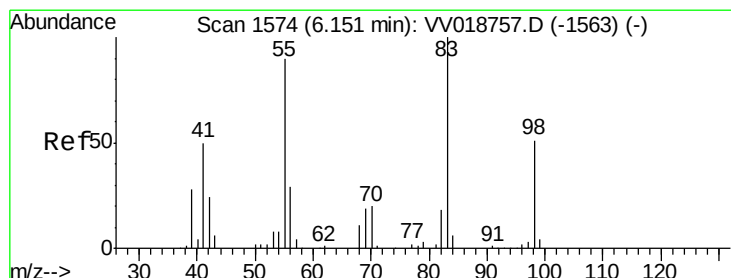
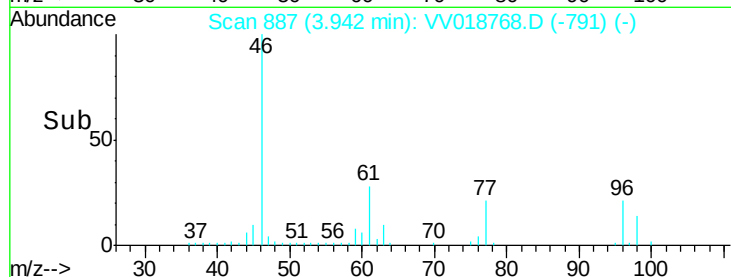
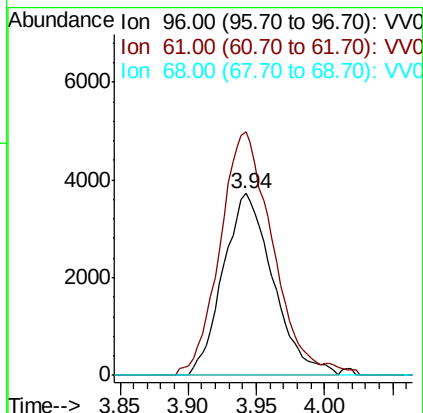
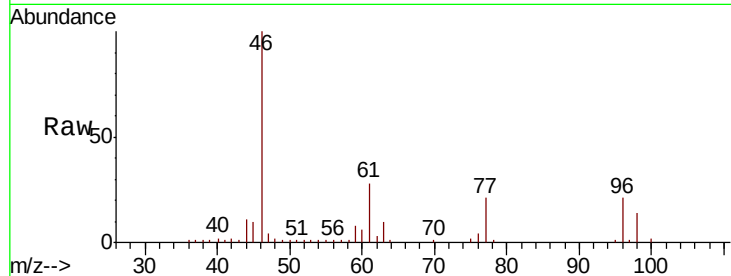




#20
 cis-1,2-Dichloroethene
 Concen: 3.740 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV018768.D
 Acq: 08 Oct 2020 16:23

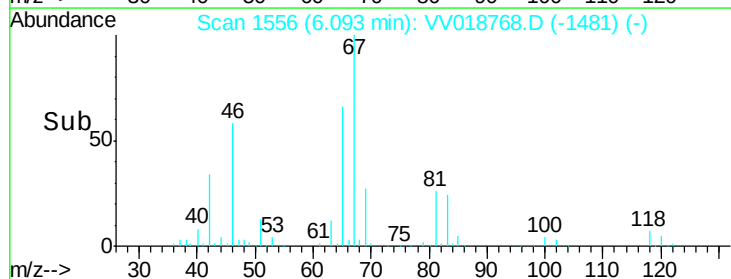
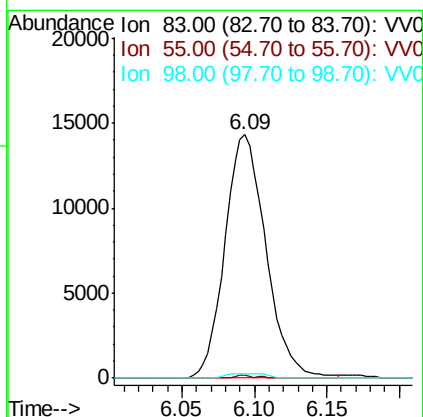
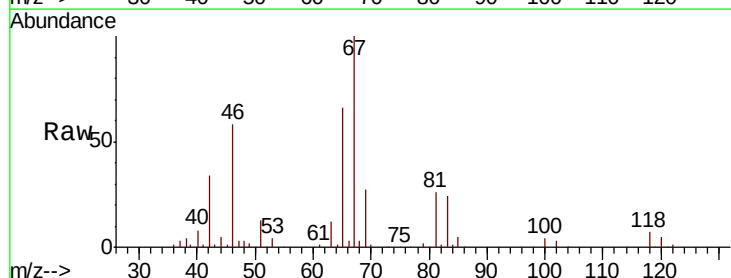
Instrument :
 MSVOA_V
 ClientSampled :
 C0AG8

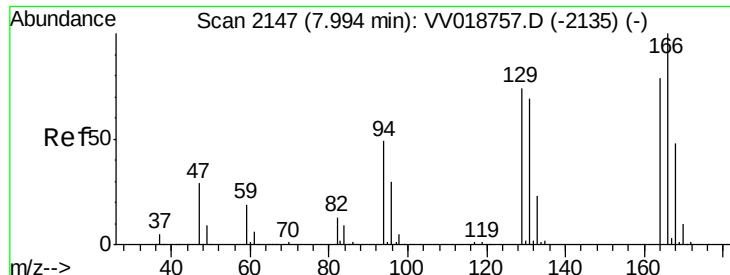
Tot Ion: 96 Resp: 9471
 Ion Ratio Lower Upper
 96 100
 61 133.9 86.8 161.2
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 7.532 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV018768.D
 Acq: 08 Oct 2020 16:23

Tgt Ion: 83 Resp: 28090
 Ion Ratio Lower Upper
 83 100
 55 0.3 60.1 90.1#
 98 1.2 40.2 60.4#

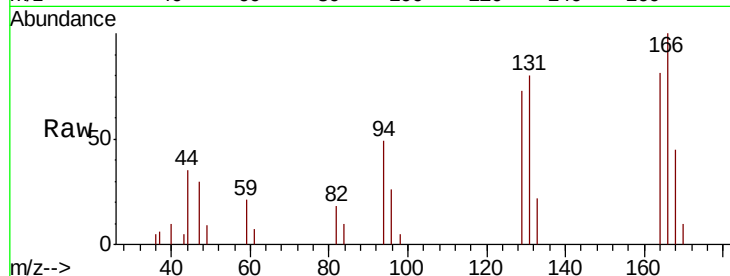




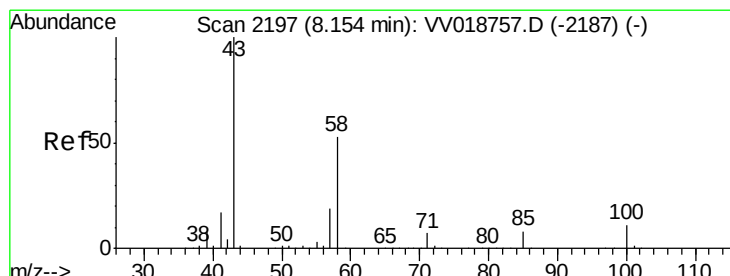
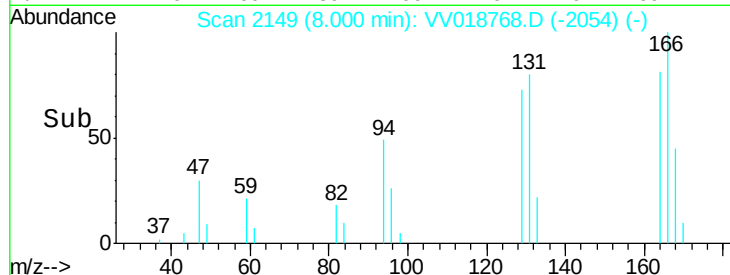
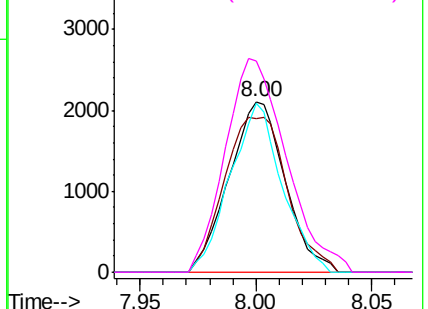
#46
Tetrachloroethene
Concen: 1.581 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.01 min
Lab File: VV018768.D
Acq: 08 Oct 2020 16:23

Instrument :
MSVOA_V
ClientSampleId :
C0AG8

Tot Ion:164 Resp: 3546
Ion Ratio Lower Upper
164 100
129 90.3 62.8 116.6
131 98.6 60.8 112.8
166 123.4 88.9 165.1

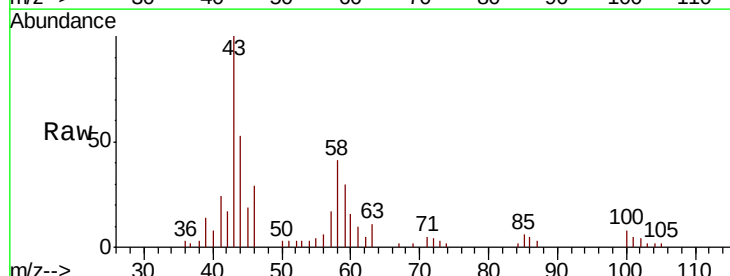


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

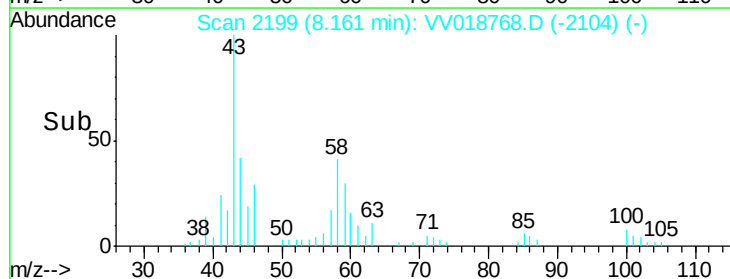
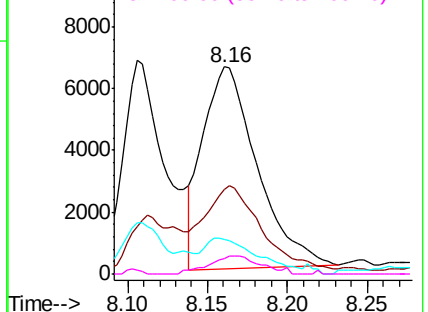


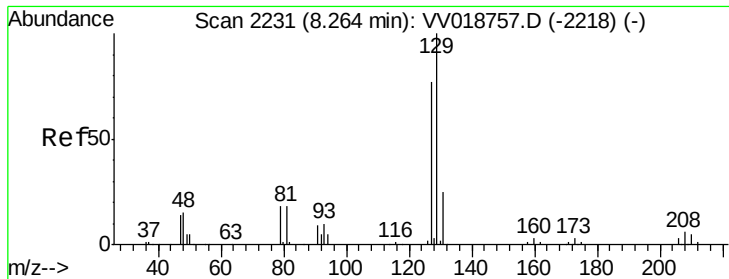
#48
2-Hexanone
Concen: 6.285 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV018768.D
Acq: 08 Oct 2020 16:23

Tgt Ion: 43 Resp: 15459
Ion Ratio Lower Upper
43 100
58 35.3 45.1 67.7#
57 15.1 15.7 23.5#
100 8.2 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 1.311 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV018768.D

Acq: 08 Oct 2020 16:23

Instrument :

MSVOA_V

ClientSampleId :

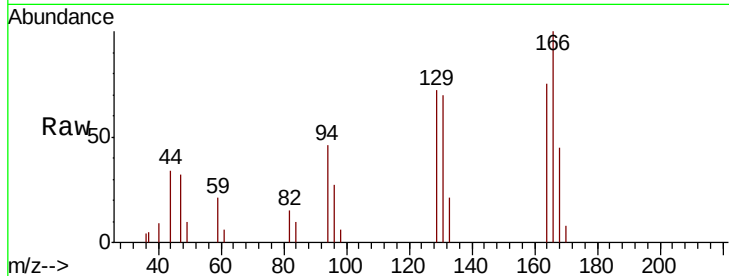
C0AG8

Tot Ion:129 Resp: 3626

Ion Ratio Lower Upper

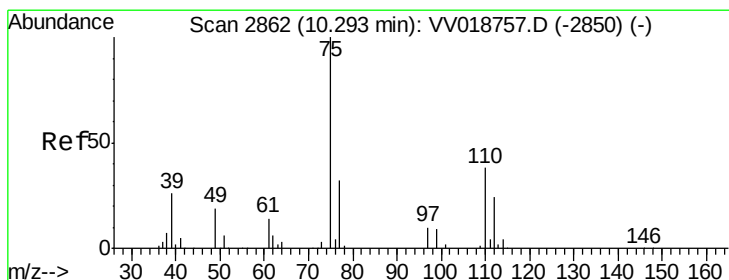
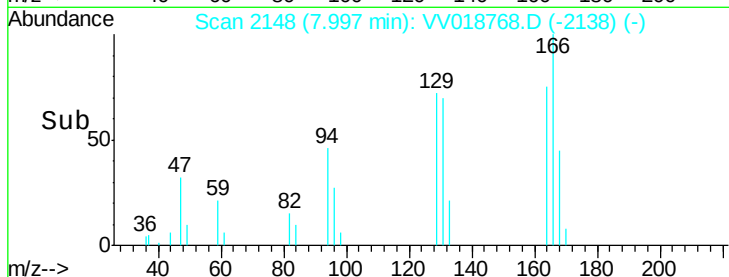
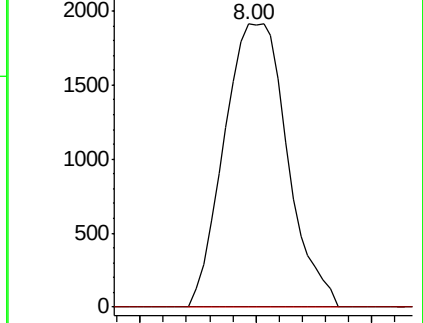
129 100

127 0.0 54.1 100.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 6.235 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018768.D

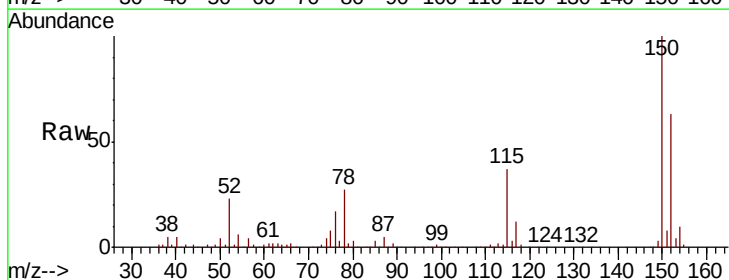
Acq: 08 Oct 2020 16:23

Tgt Ion: 75 Resp: 18527

Ion Ratio Lower Upper

75 100

77 38.0 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

