

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017865.D
 Acq On : 08 Aug 2020 19:46
 Operator : SY/MD
 Sample : L3608-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2M19

Quant Time: Aug 10 05:11:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 05:09:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	234371	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	220369	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	112985	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	43220	35.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.42%
7) Chloroethane-d5	1.58	69	41717	40.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.14%
11) 1,1-Dichloroethene-d2	2.12	63	85559	29.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.84%#
21) 2-Butanone-d5	3.91	46	82752	109.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.18%
24) Chloroform-d	4.38	84	147054	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	5.05	65	114690	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
32) Benzene-d6	5.07	84	248025	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
36) 1,2-Dichloropropane-d6	6.09	67	68049	52.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.48%
41) Toluene-d8	7.34	98	244963	47.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.78%
43) trans-1,3-Dichloropropene-	7.64	79	33925	40.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.66%
47) 2-Hexanone-d5	8.11	63	60763	130.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	130.03%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	101540	50.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	117889	51.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.36%

Target Compounds

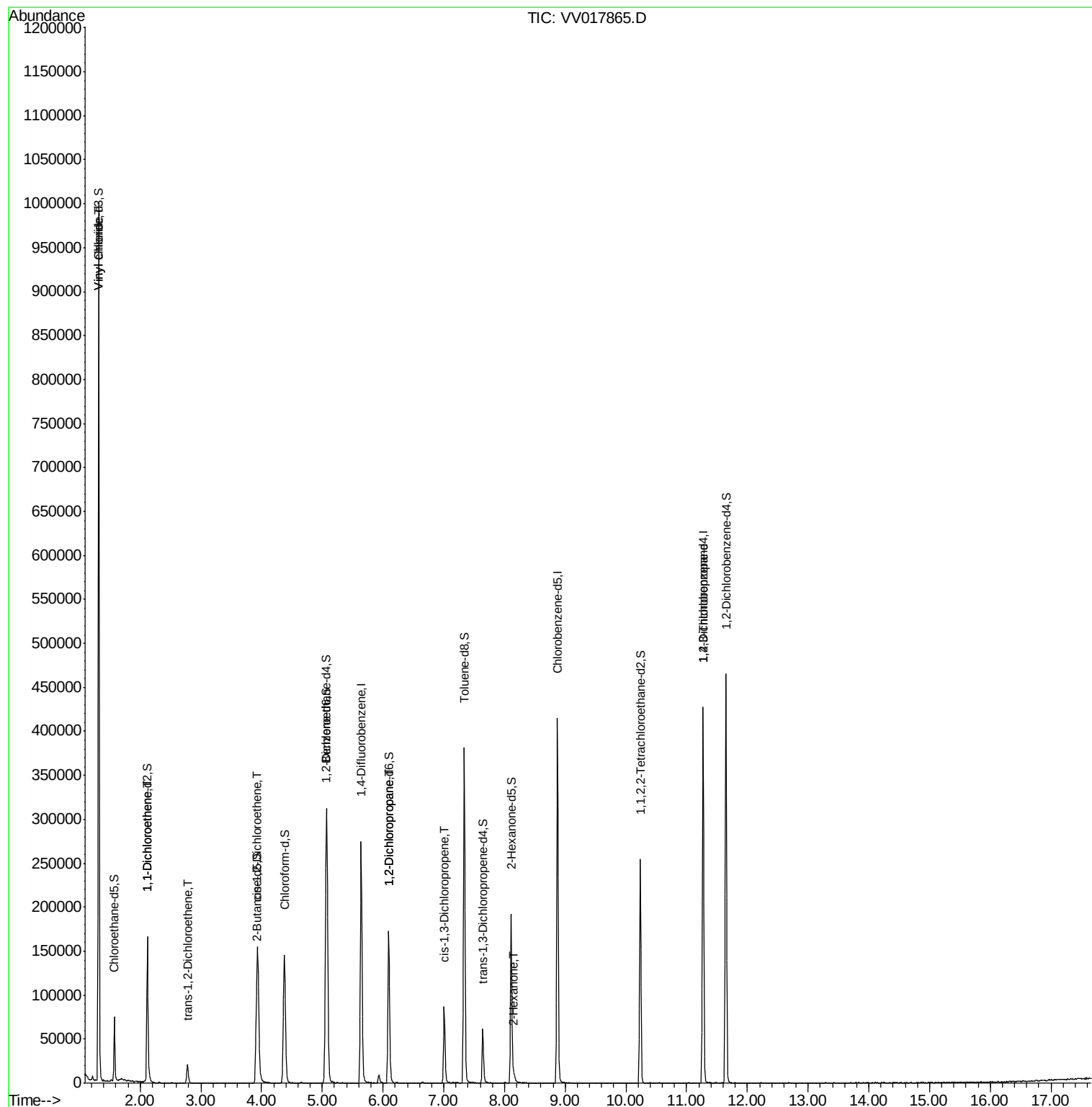
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	530968	387.740	ug/L	97
12) 1,1-Dichloroethene	2.12	96	2208	1.599	ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	7610	5.400	ug/L	94
20) cis-1,2-Dichloroethene	3.94	96	70965	46.624	ug/L	100
37) 1,2-Dichloropropane	6.09	63	10272	9.012	ug/L #	79
39) cis-1,3-Dichloropropene	7.01	75	2358	1.203	ug/L #	68
48) 2-Hexanone	8.16	43	3740	3.004	ug/L #	57
59) 1,2,3-Trichloropropane	11.27	75	9706	5.530	ug/L #	82

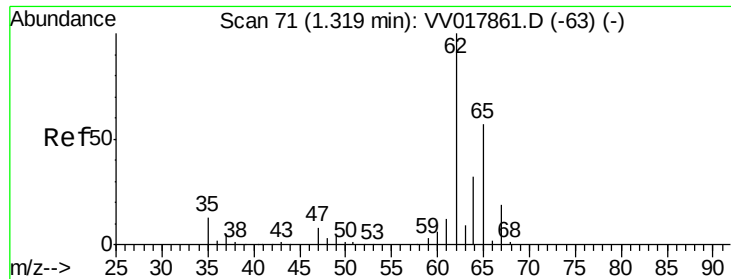
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 10 05:09:16 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 387.740 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017865.D

Acq: 08 Aug 2020 19:46

Instrument :

MSVOA_V

ClientSampled :

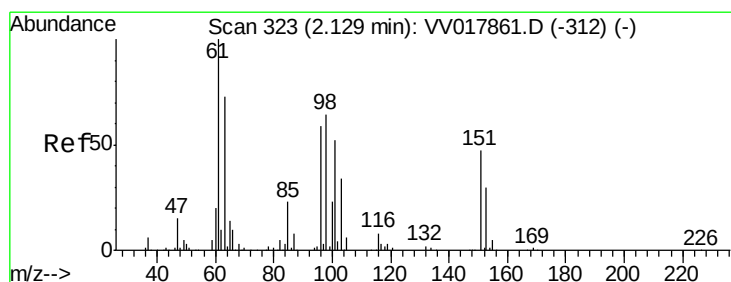
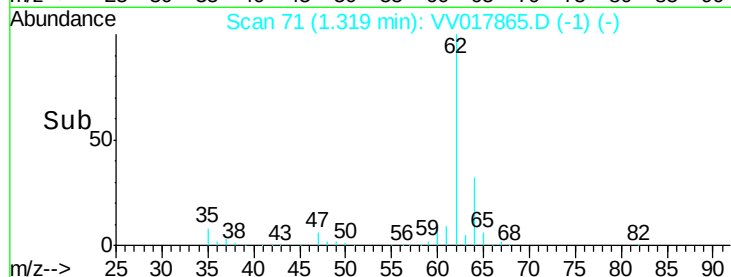
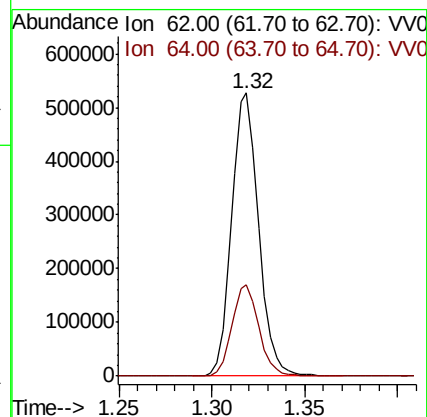
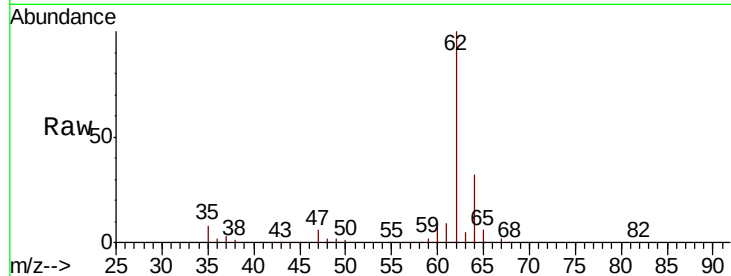
F2M19

Tot Ion: 62 Resp: 530968

Ion Ratio Lower Upper

62 100

64 32.3 24.0 44.6



#12

1,1-Dichloroethene

Concen: 1.599 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017865.D

Acq: 08 Aug 2020 19:46

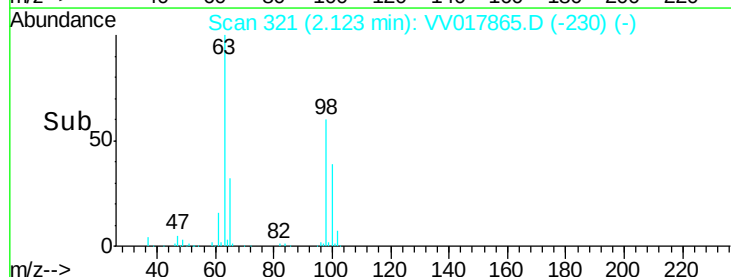
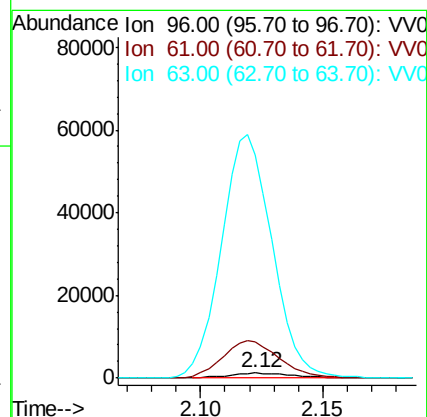
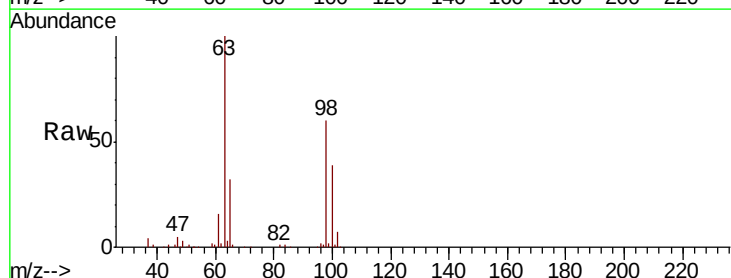
Tgt Ion: 96 Resp: 2208

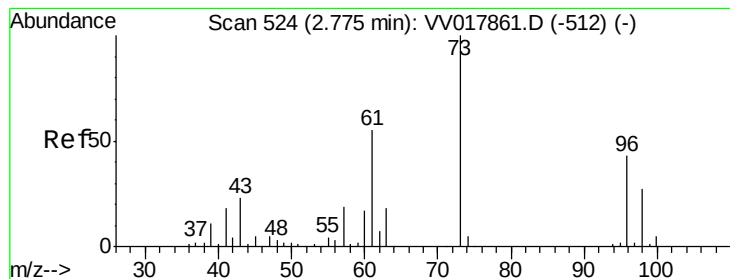
Ion Ratio Lower Upper

96 100

61 694.9 121.1 224.9#

63 4337.2 98.1 182.1#





#17

trans-1,2-Dichloroethene

Concen: 5.400 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017865.D

Acq: 08 Aug 2020 19:46

Instrument :

MSVOA_V

ClientSampleId :

F2M19

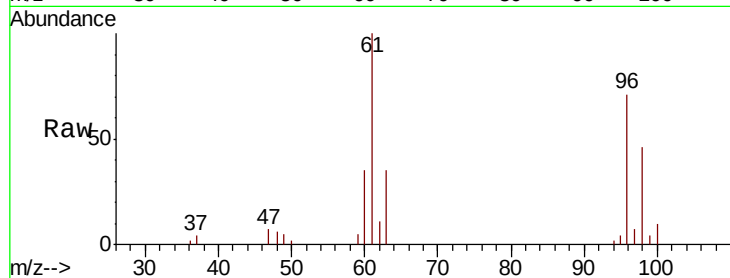
Tot Ion: 96 Resp: 7610

Ion Ratio Lower Upper

96 100

61 141.0 92.4 171.6

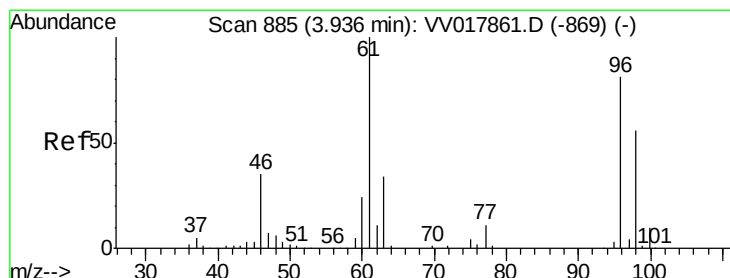
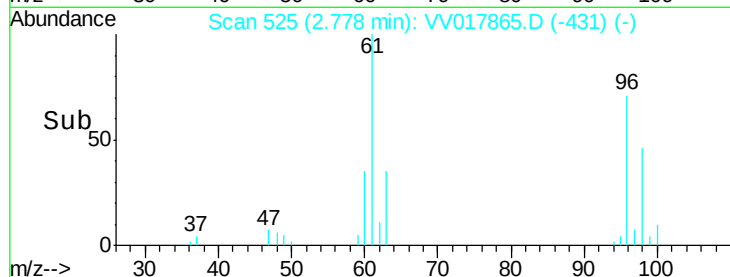
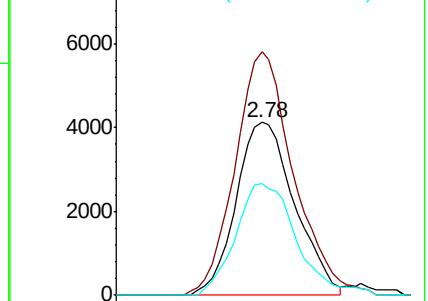
98 64.6 47.5 88.1



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: 46.624 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

Lab File: VV017865.D

Acq: 08 Aug 2020 19:46

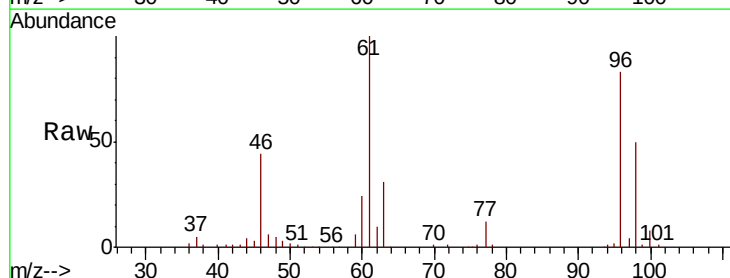
Tgt Ion: 96 Resp: 70965

Ion Ratio Lower Upper

96 100

61 121.0 84.4 156.8

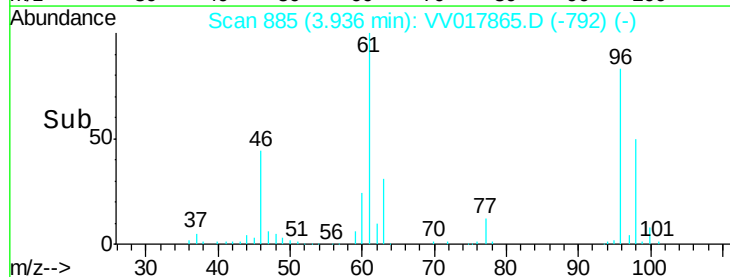
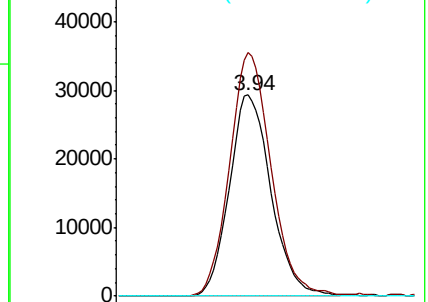
68 0.0 0.0 0.0

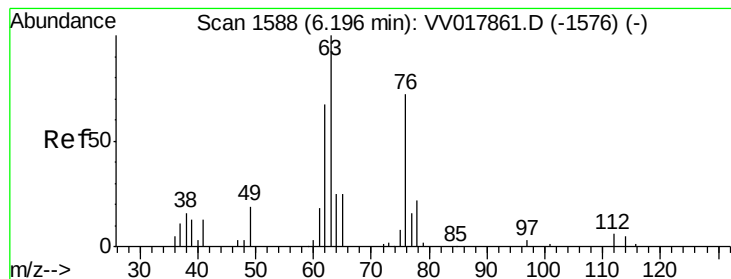


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#37

1,2-Dichloropropane

Concen: 9.012 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017865.D

Acq: 08 Aug 2020 19:46

Instrument :

MSVOA_V

ClientSampleId :

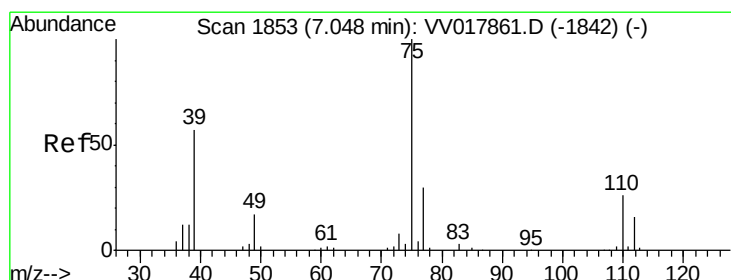
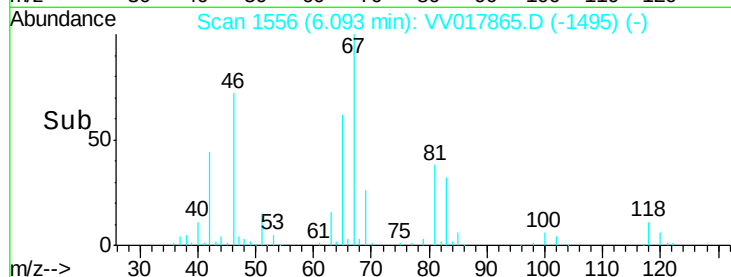
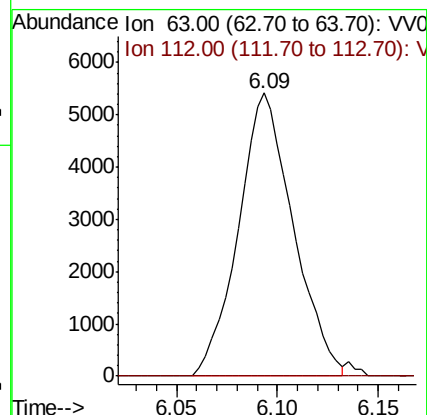
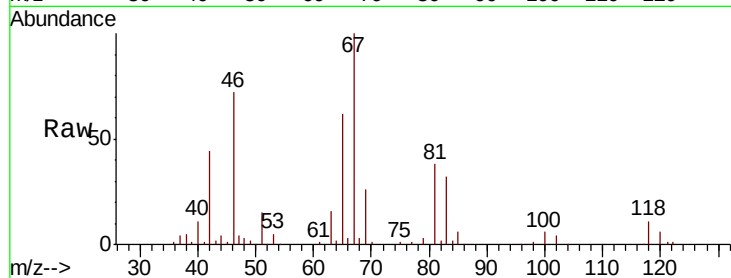
F2M19

Tot Ion: 63 Resp: 10272

Ion Ratio Lower Upper

63 100

112 0.0 5.8 8.6#



#39

cis-1,3-Dichloropropene

Concen: 1.203 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017865.D

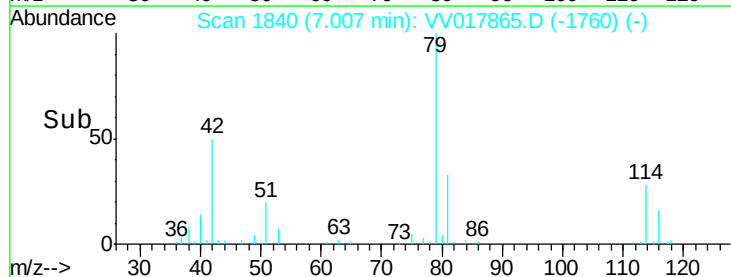
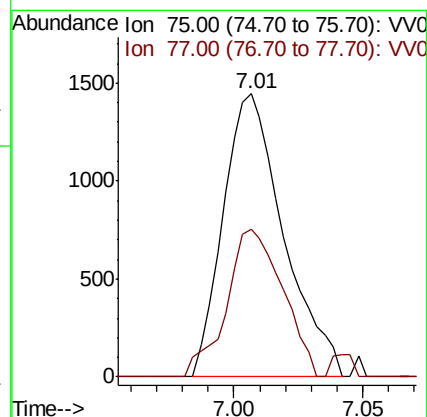
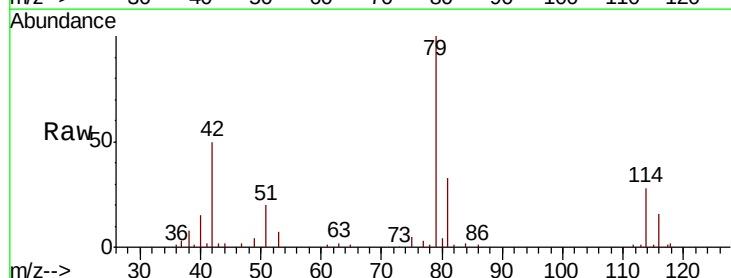
Acq: 08 Aug 2020 19:46

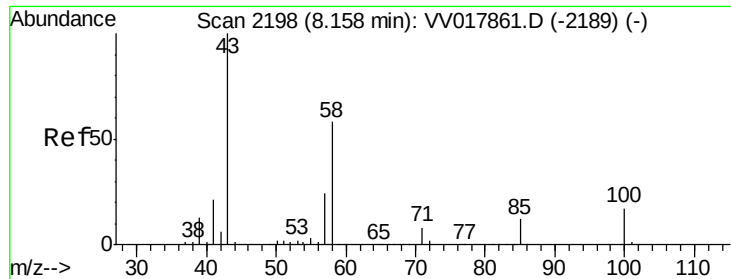
Tgt Ion: 75 Resp: 2358

Ion Ratio Lower Upper

75 100

77 52.2 23.7 44.1#

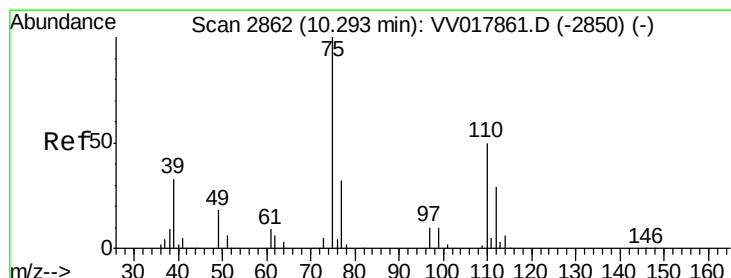
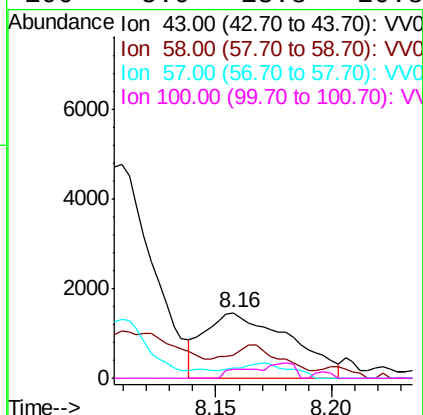
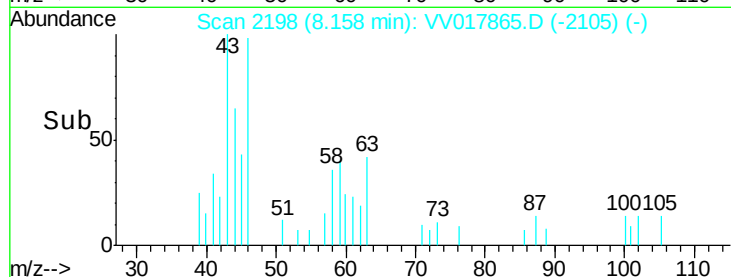
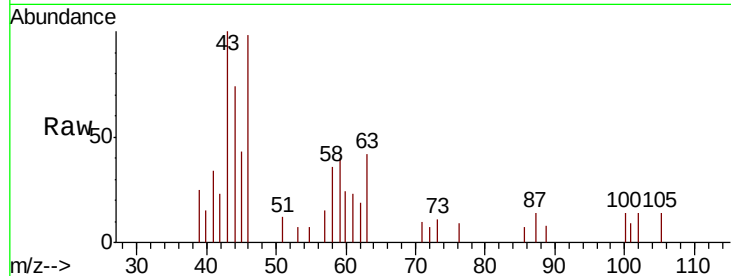




#48
2-Hexanone
Concen: 3.004 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VV017865.D
Acq: 08 Aug 2020 19:46

Instrument :
MSVOA_V
ClientSampled :
F2M19

Tot Ion: 43 Resp: 3740
Ion Ratio Lower Upper
43 100
58 18.6 43.8 65.8#
57 3.7 18.0 27.0#
100 5.9 13.8 20.8#



#59
1,2,3-Trichloropropane
Concen: 5.530 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV017865.D
Acq: 08 Aug 2020 19:46

Tgt Ion: 75 Resp: 9706
Ion Ratio Lower Upper
75 100
77 42.9 26.4 39.6#

