

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018533.D
 Acq On : 29 Sep 2020 22:13
 Operator : SY/MD
 Sample : L4149-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N8

Quant Time: Sep 30 04:52:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 04:50:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	408751	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	394042	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	200141	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111650	46.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.14%
7) Chloroethane-d5	1.58	69	100989	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.90%
11) 1,1-Dichloroethene-d2	2.12	63	178555	36.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.12%
21) 2-Butanone-d5	3.91	46	181705	101.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.62%
24) Chloroform-d	4.38	84	238041	45.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	5.06	65	158817	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.52%
32) Benzene-d6	5.08	84	492990	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
36) 1,2-Dichloropropane-d6	6.09	67	155420	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.08%
41) Toluene-d8	7.34	98	455774	48.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.08%
43) trans-1,3-Dichloropropene-	7.64	79	76437	46.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.84%
47) 2-Hexanone-d5	8.11	63	118068	103.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.07%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	193831	48.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	199070	51.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.44%

Target Compounds

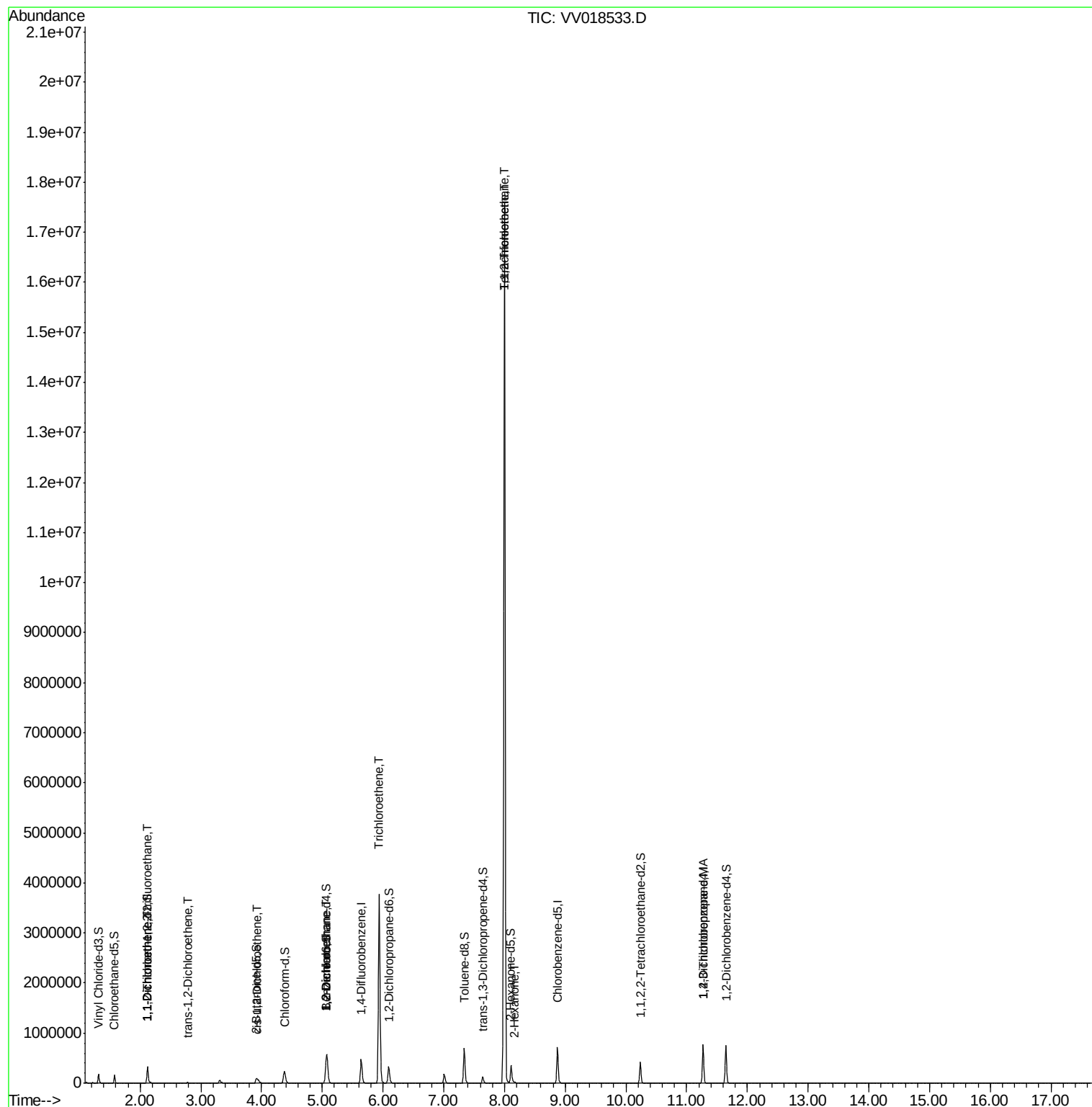
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1801	0.677	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	4092	1.604	ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	2540	0.870	ug/L	93
20) cis-1,2-Dichloroethene	3.94	96	7438	2.397	ug/L	87
27) 1,2-Dichloroethane	5.07	62	3037	0.722	ug/L	96
34) Trichloroethene	5.94	95	1281220	381.222	ug/L	99
45) 1,1,2-Trichloroethane	8.00	97	33178	11.284	ug/L #	1
46) Tetrachloroethene	8.00	164	3987048	1462.295	ug/L	98
48) 2-Hexanone	8.17	43	5882	1.967	ug/L #	44
59) 1,2,3-Trichloropropane	11.27	75	22789	6.308	ug/L	93

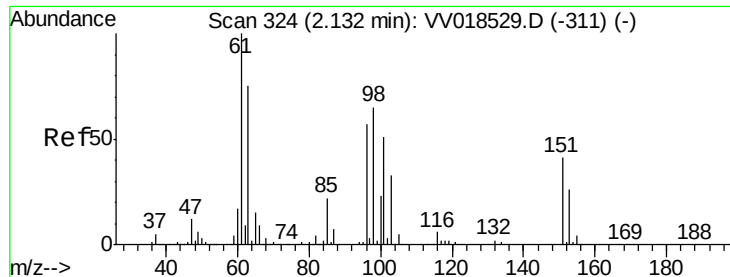
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018533.D
Acq On : 29 Sep 2020 22:13
Operator : SY/MD
Sample : L4149-14
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3N8

Quant Time: Sep 30 04:52:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 04:50:47 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.677 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018533.D

Acq: 29 Sep 2020 22:13

Instrument :

MSVOA_V

ClientSampleId :

BG3N8

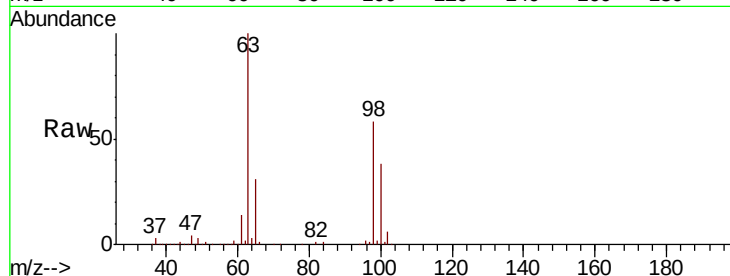
Tot Ion:101 Resp: 1801

Ion Ratio Lower Upper

101 100

85 2.3 34.6 52.0#

151 0.0 64.3 96.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

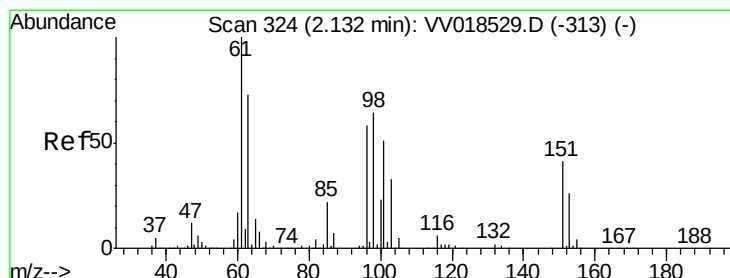
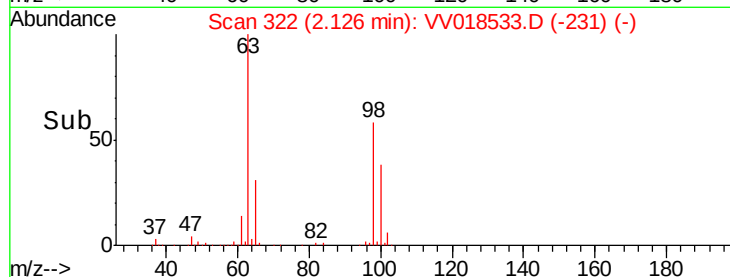
2.13

1000

500

0

Time--> 2.08 2.10 2.12 2.14 2.16



#12

1,1-Dichloroethene

Concen: 1.604 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV018533.D

Acq: 29 Sep 2020 22:13

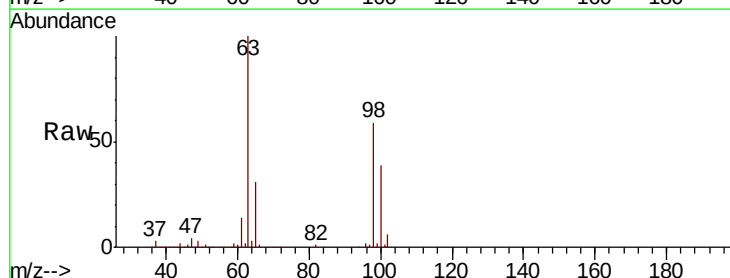
Tgt Ion: 96 Resp: 4092

Ion Ratio Lower Upper

96 100

61 584.6 122.8 228.1#

63 4082.0 91.9 170.7#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

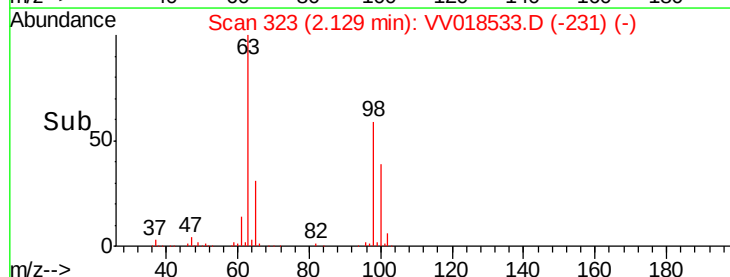
150000

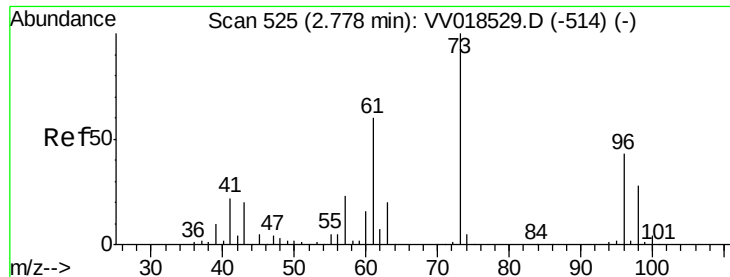
100000

50000

0

Time--> 2.10 2.15

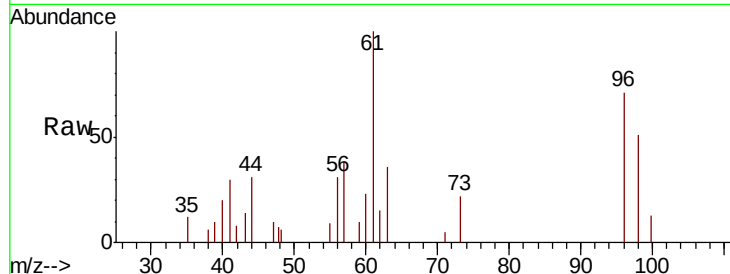




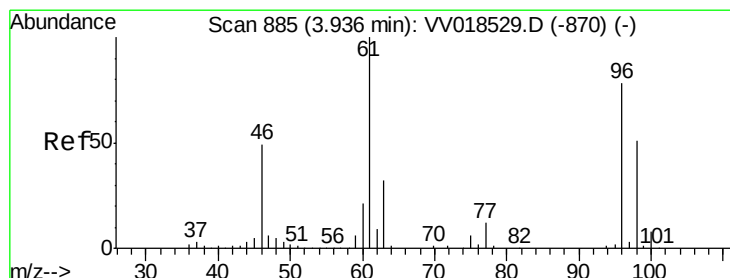
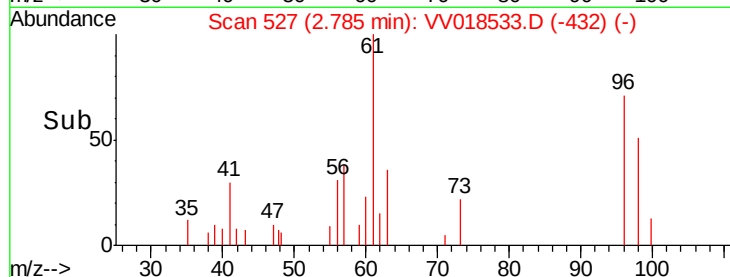
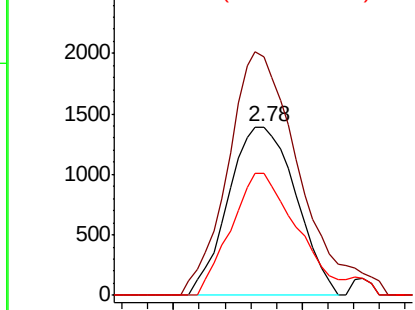
#17
 trans-1,2-Dichloroethene
 Concen: 0.870 ug/L
 RT: 2.78 min Scan# 527
 Delta R.T. 0.01 min
 Lab File: VV018533.D
 Acq: 29 Sep 2020 22:13

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N8

Tot Ion: 96 Resp: 2540
 Ion Ratio Lower Upper
 96 100
 61 141.1 95.0 176.4
 98 72.3 44.6 82.8

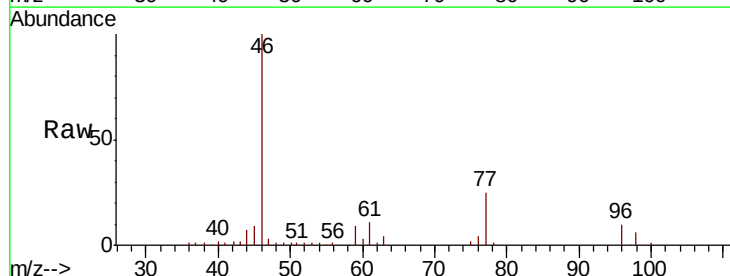


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

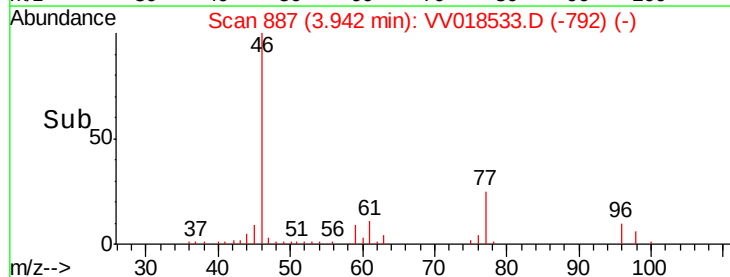
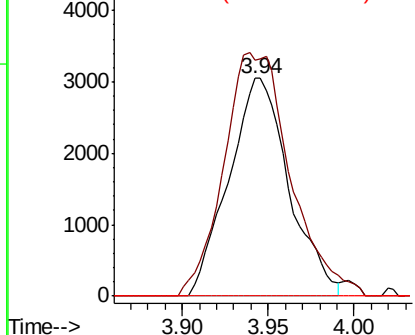


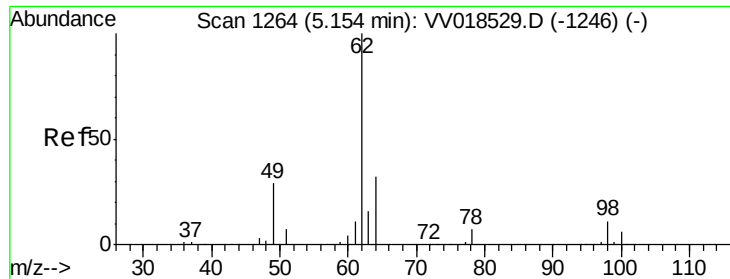
#20
 cis-1,2-Dichloroethene
 Concen: 2.397 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV018533.D
 Acq: 29 Sep 2020 22:13

Tgt Ion: 96 Resp: 7438
 Ion Ratio Lower Upper
 96 100
 61 108.8 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

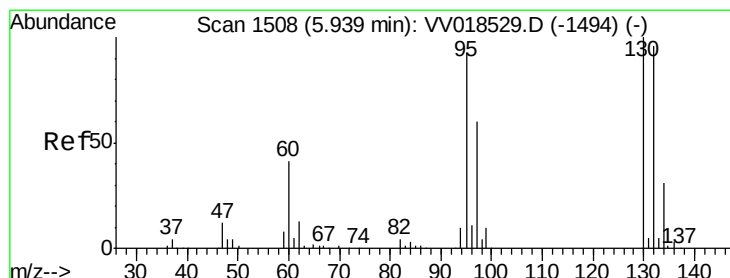
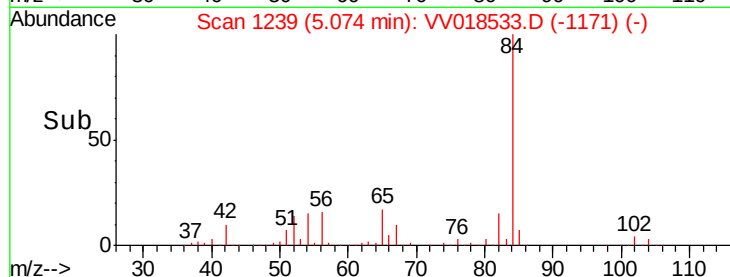
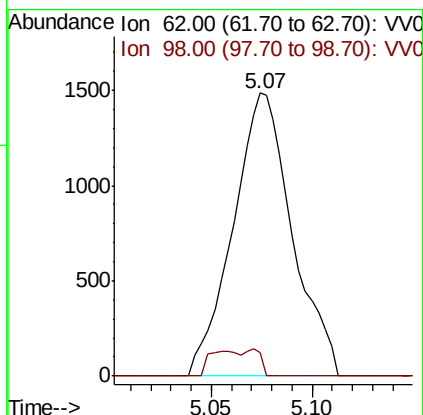
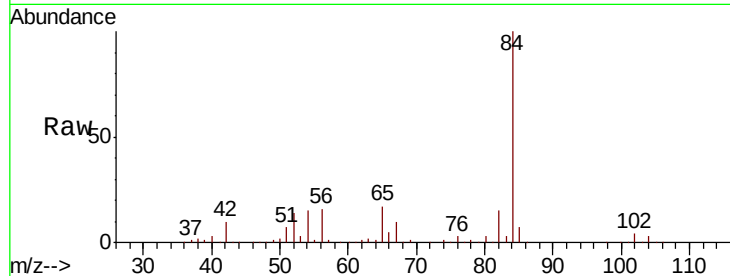




#27
 1,2-Dichloroethane
 Concen: 0.722 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV018533.D
 Acq: 29 Sep 2020 22:13

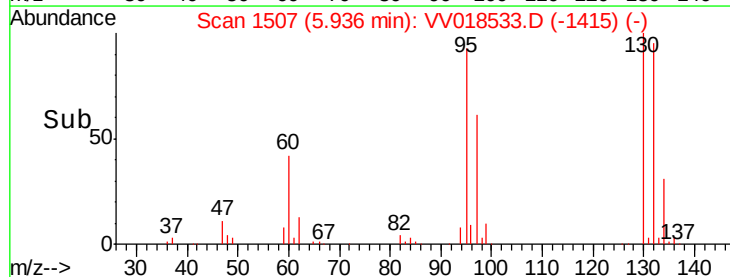
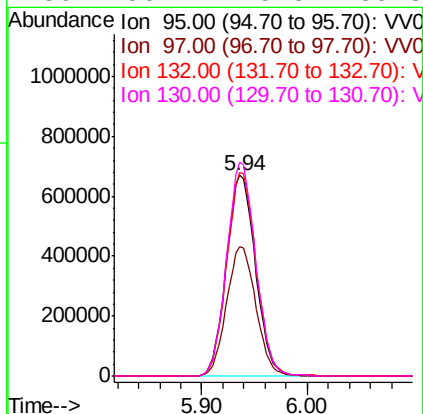
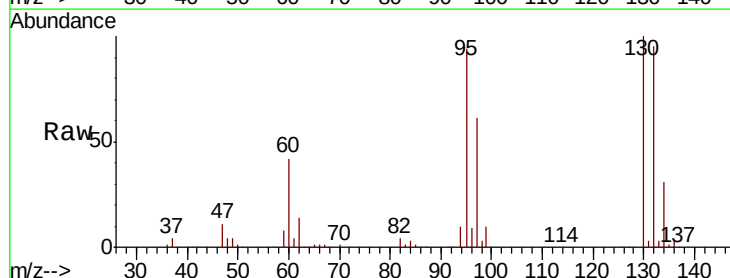
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N8

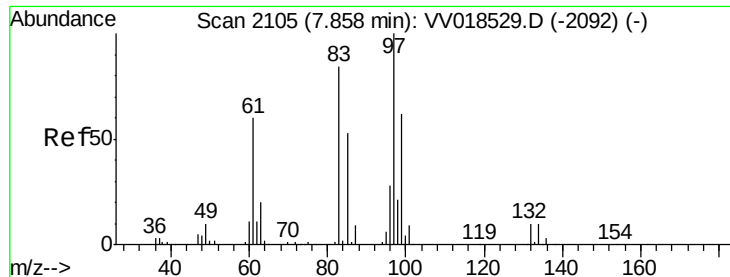
Tot Ion: 62 Resp: 3037
 Ion Ratio Lower Upper
 62 100
 98 8.1 7.7 11.5



#34
 Trichloroethene
 Concen: 381.222 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV018533.D
 Acq: 29 Sep 2020 22:13

Tgt Ion: 95 Resp: 1281220
 Ion Ratio Lower Upper
 95 100
 97 64.6 45.9 85.3
 132 101.3 70.8 131.4
 130 106.4 75.3 139.8

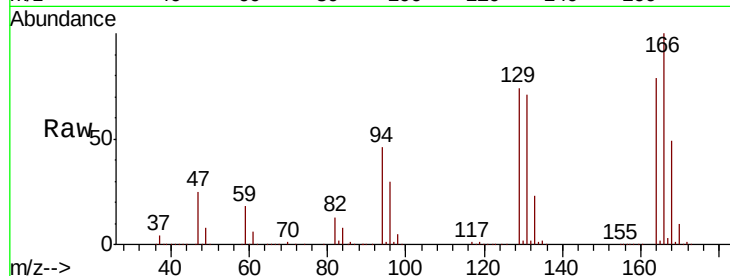




#45
1,1,2-Trichloroethane
Concen: 11.284 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.14 min
Lab File: VV018533.D
Acq: 29 Sep 2020 22:13

Instrument :
MSVOA_V
ClientSampleId :
BG3N8

Tot Ion: 97 Resp: 33178
Ion Ratio Lower Upper
97 100
99 16.0 43.3 80.3#
83 258.9 60.5 112.5#
85 37.3 38.3 71.1#



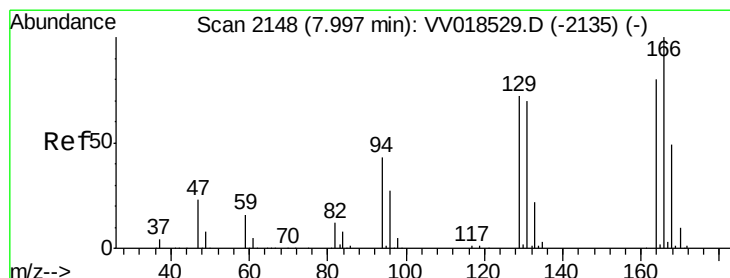
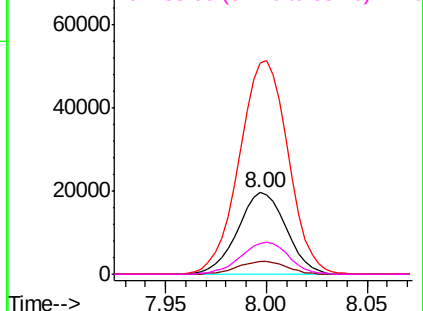
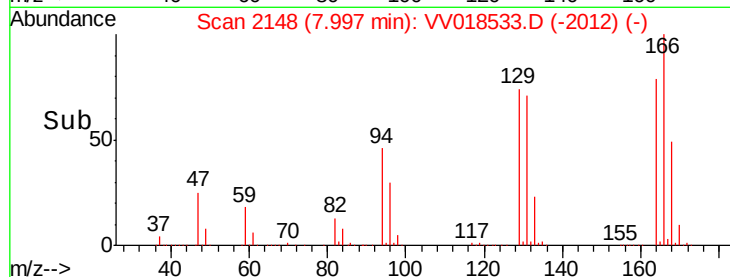
Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

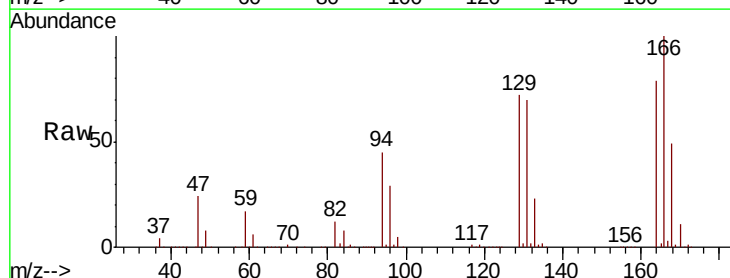
Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46
Tetrachloroethene
Concen: 1462.295 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV018533.D
Acq: 29 Sep 2020 22:13

Tgt Ion: 164 Resp: 3987048
Ion Ratio Lower Upper
164 100
129 91.9 62.8 116.6
131 89.4 60.8 112.8
166 127.0 88.9 165.1



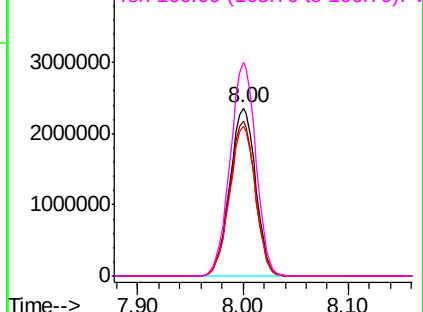
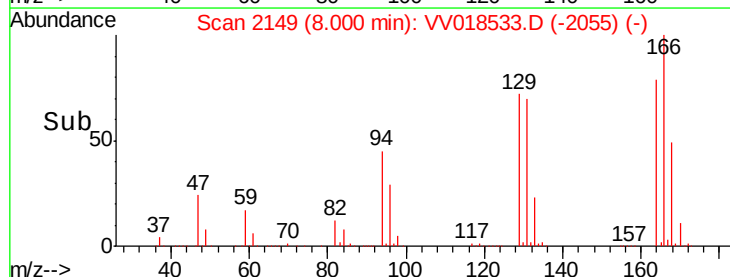
Abundance

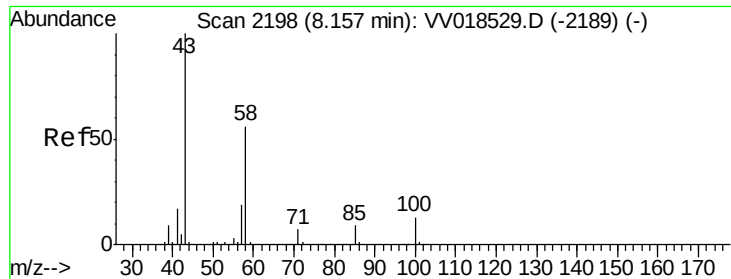
Ion 164.00 (163.70 to 164.70): V

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

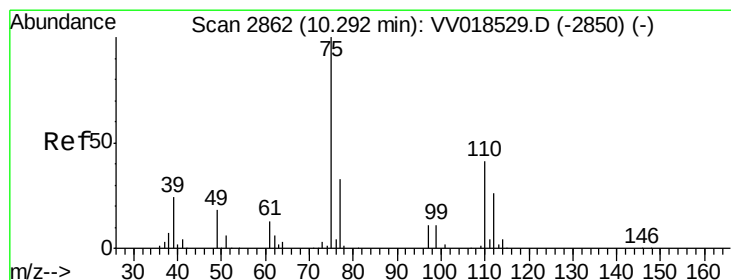
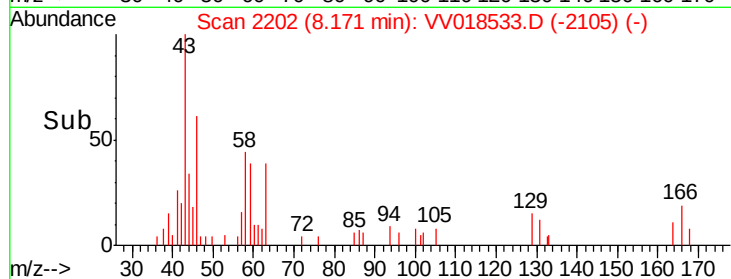
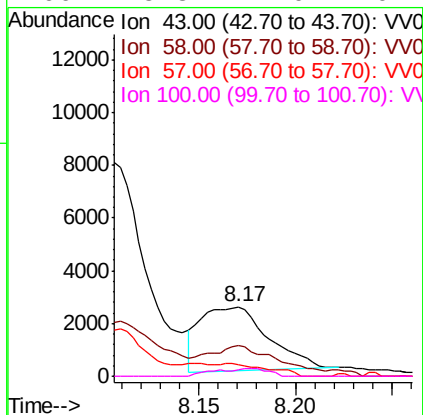
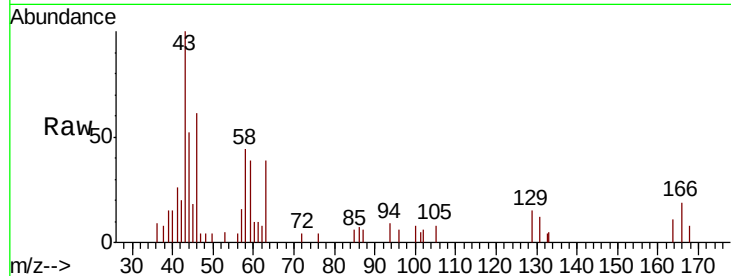




#48
 2-Hexanone
 Concen: 1.967 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV018533.D
 Acq: 29 Sep 2020 22:13

Instrument :
 MSVOA_V
 ClientSampled :
 BG3N8

Tot Ion:	43	Resp:	5882
Ion	Ratio	Lower	Upper
43	100		
58	5.7	45.1	67.7#
57	0.7	15.7	23.5#
100	5.3	11.0	16.4#



#59
 1,2,3-Trichloropropane
 Concen: 6.308 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018533.D
 Acq: 29 Sep 2020 22:13

Tgt Ion:	75	Resp:	22789
Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.4	38.0

