

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062220\
 Data File : VV017015.D
 Acq On : 22 Jun 2020 12:29
 Operator : SY/MD
 Sample : L3074-11DL 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M21DL

Quant Time: Jun 23 03:24:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 23 03:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	346644	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	321868	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151577	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105777	43.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.50%
7) Chloroethane-d5	1.58	69	69500	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.70%
11) 1,1-Dichloroethene-d2	2.12	63	156865	38.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.38%
21) 2-Butanone-d5	3.91	46	163418	90.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.27%
24) Chloroform-d	4.38	84	236508	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
26) 1,2-Dichloroethane-d4	5.06	65	164052	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
32) Benzene-d6	5.08	84	452438	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.52%
36) 1,2-Dichloropropane-d6	6.09	67	140574	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.20%
41) Toluene-d8	7.34	98	413913	48.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.22%
43) trans-1,3-Dichloropropene-	7.64	79	68976	45.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.58%
47) 2-Hexanone-d5	8.11	63	94291	74.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	164664	43.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	170362	52.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.34%

Target Compounds

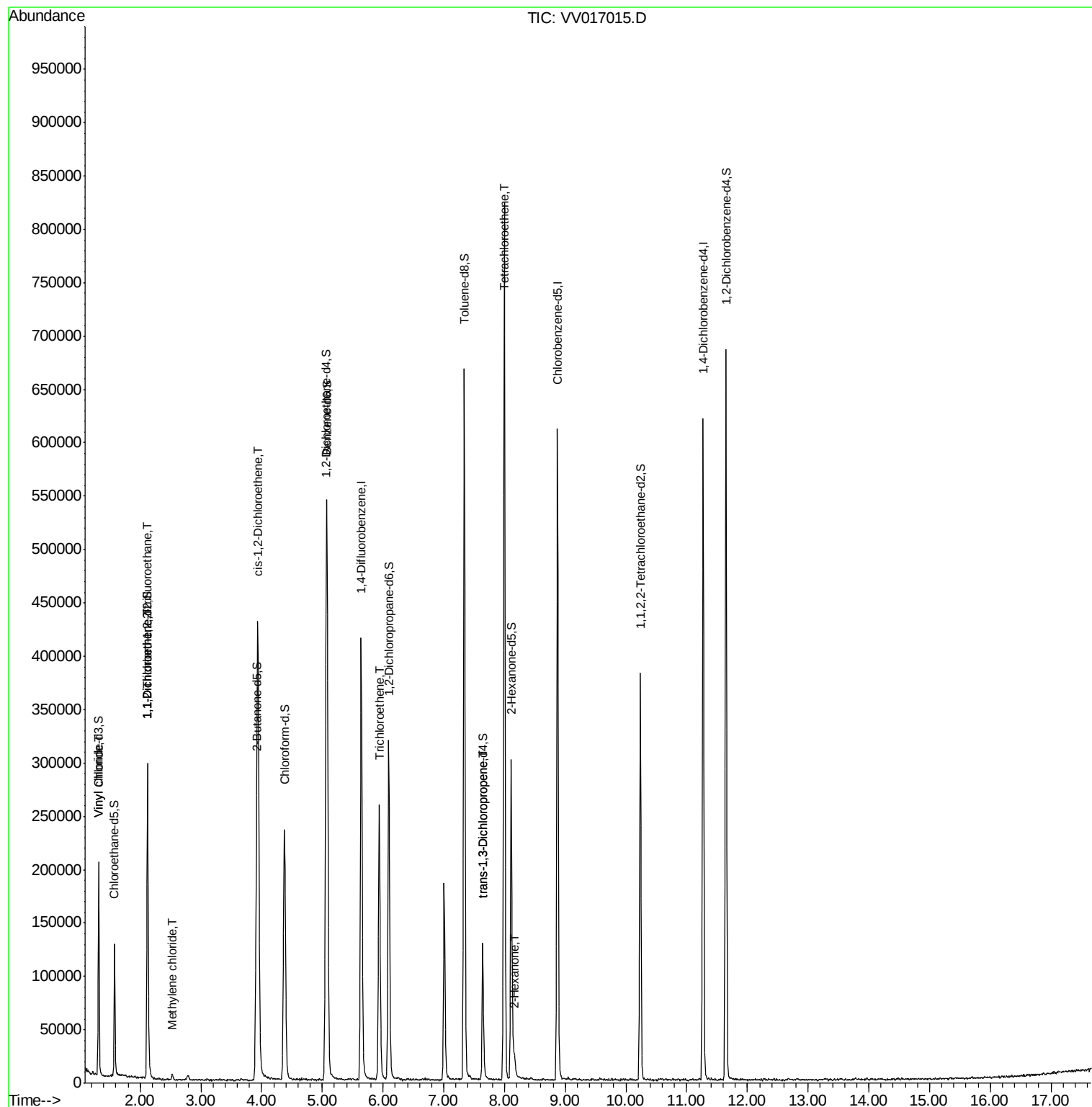
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	16615	6.723	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1535	0.833	ug/L #	22
12) 1,1-Dichloroethene	2.13	96	1864	1.083	ug/L #	1
16) Methylene chloride	2.53	84	1952	0.773	ug/L	88
20) cis-1,2-Dichloroethene	3.94	96	223086	87.232	ug/L	97
34) Trichloroethene	5.94	95	81282	31.824	ug/L	96
44) trans-1,3-Dichloropropene	7.64	75	3616	0.967	ug/L	94
46) Tetrachloroethene	8.00	164	179064	89.143	ug/L	96
48) 2-Hexanone	8.17	43	11989	4.406	ug/L	96

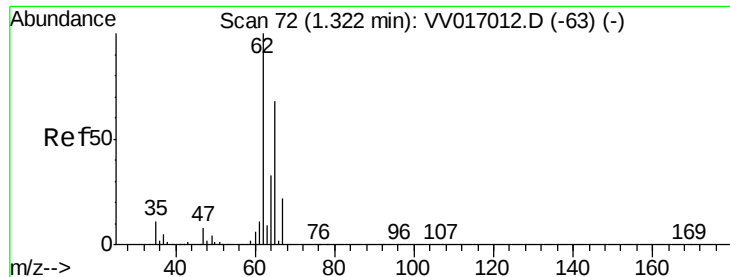
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV062220\
Data File : VV017015.D
Acq On : 22 Jun 2020 12:29
Operator : SY/MD
Sample : L3074-11DL 100X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9M21DL

Quant Time: Jun 23 03:24:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 23 03:22:30 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.723 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV017015.D

Acq: 22 Jun 2020 12:29

Instrument :

MSVOA_V

ClientSampleId :

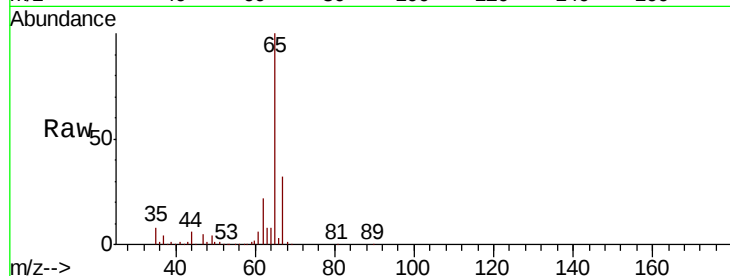
F9M21DL

Tot Ion: 62 Resp: 16615

Ion Ratio Lower Upper

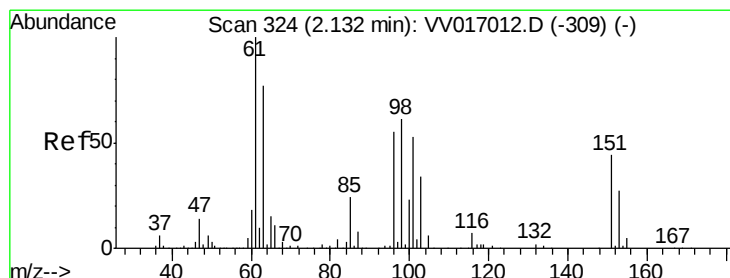
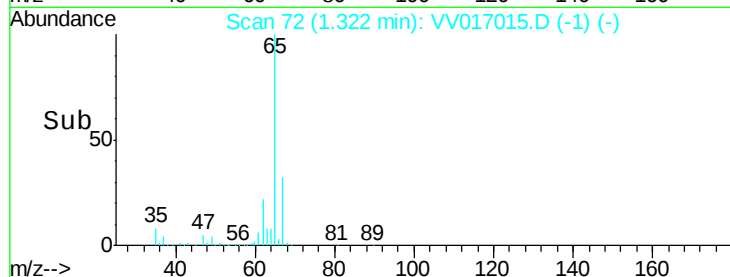
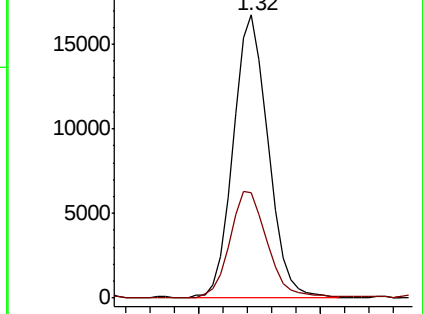
62 100

64 37.1 22.3 41.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#10

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

Concen: 0.833 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017015.D

Acq: 22 Jun 2020 12:29

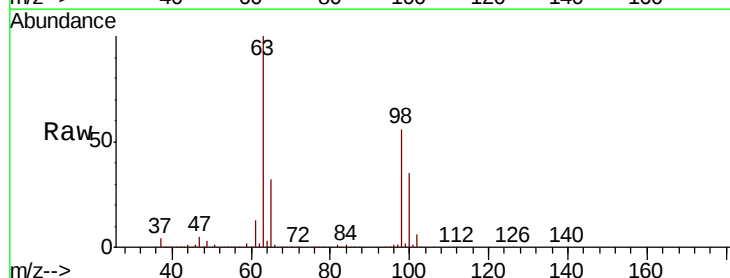
Tgt Ion: 101 Resp: 1535

Ion Ratio Lower Upper

101 100

85 8.0 35.5 53.3#

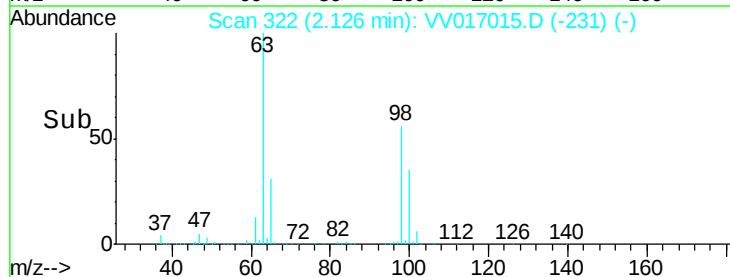
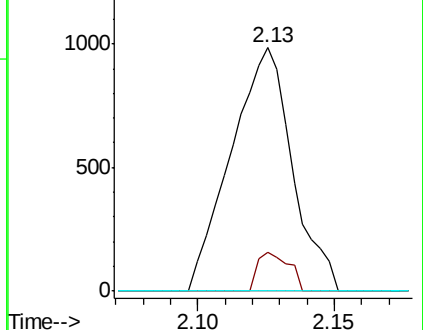
151 0.0 63.9 95.9#

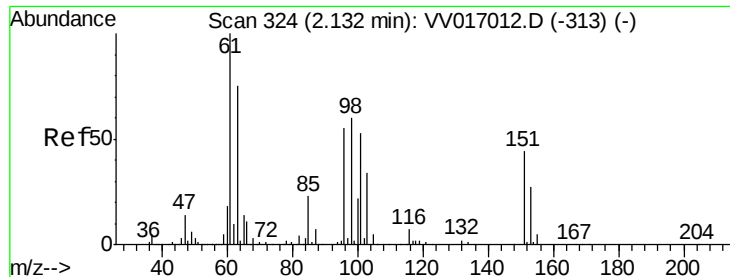


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 1.083 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017015.D

Acq: 22 Jun 2020 12:29

Instrument :

MSVOA_V

ClientSampleId :

F9M21DL

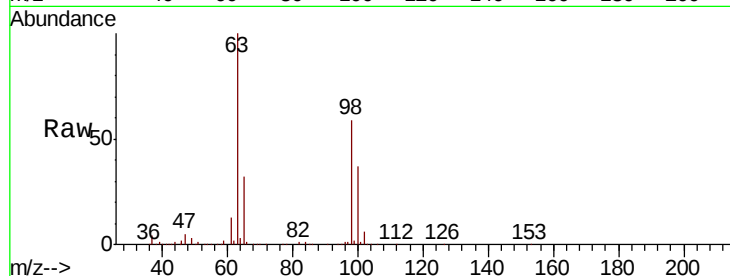
Tot Ion: 96 Resp: 1864

Ion Ratio Lower Upper

96 100

61 931.4 130.4 242.2#

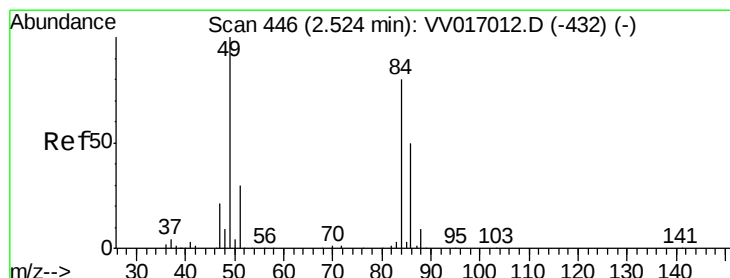
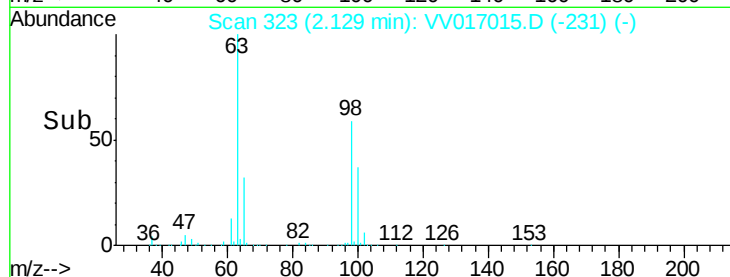
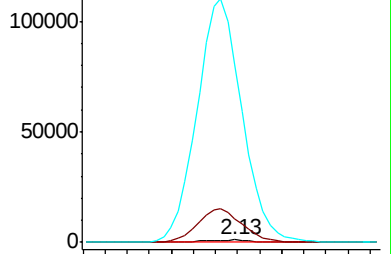
63 6989.3 103.3 191.9#



Abundance Ion 96.00 (95.70 to 96.70): VV017012.D (-313) (-)

Ion 61.00 (60.70 to 61.70): VV017012.D (-313) (-)

Ion 63.00 (62.70 to 63.70): VV017012.D (-313) (-)



#16

Methylene chloride

Concen: 0.773 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV017015.D

Acq: 22 Jun 2020 12:29

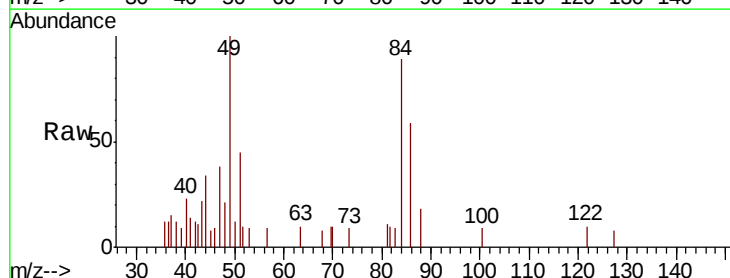
Tgt Ion: 84 Resp: 1952

Ion Ratio Lower Upper

84 100

86 65.9 44.0 81.8

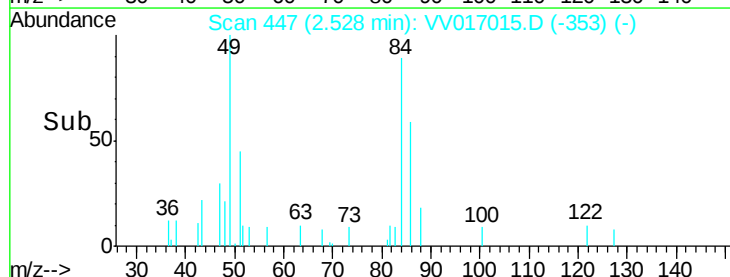
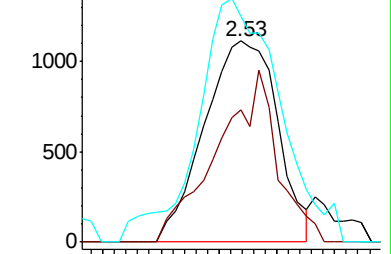
49 112.1 90.9 168.9

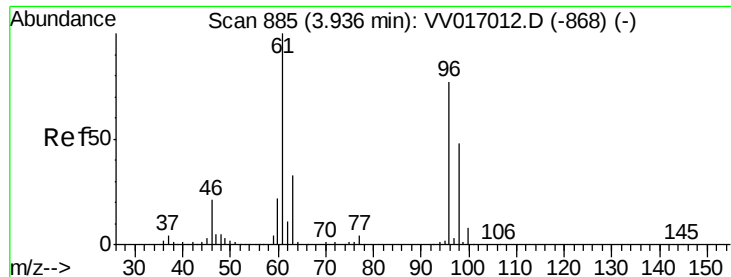


Abundance Ion 84.00 (83.70 to 84.70): VV017012.D (-432) (-)

Ion 86.00 (85.70 to 86.70): VV017012.D (-432) (-)

Ion 49.00 (48.70 to 49.70): VV017012.D (-432) (-)

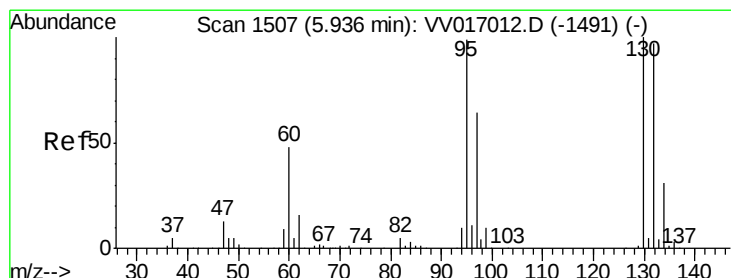
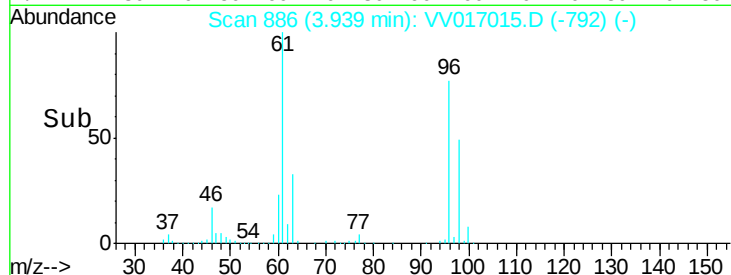
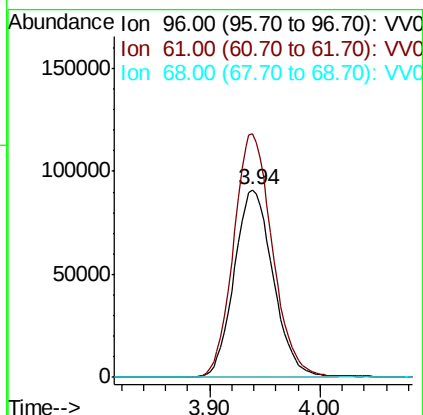
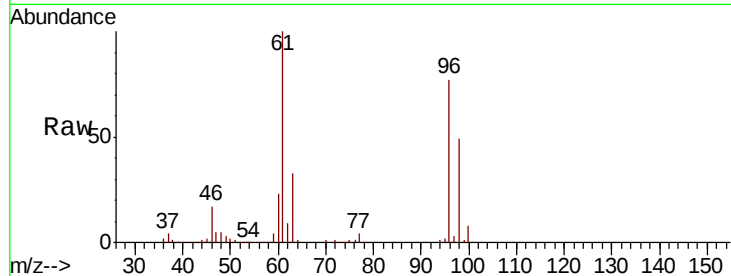




#20
 cis-1,2-Dichloroethene
 Concen: 87.232 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017015.D
 Acq: 22 Jun 2020 12:29

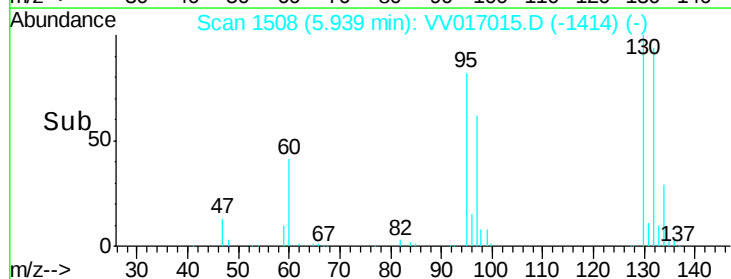
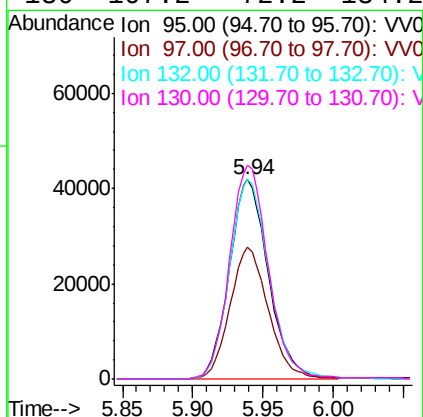
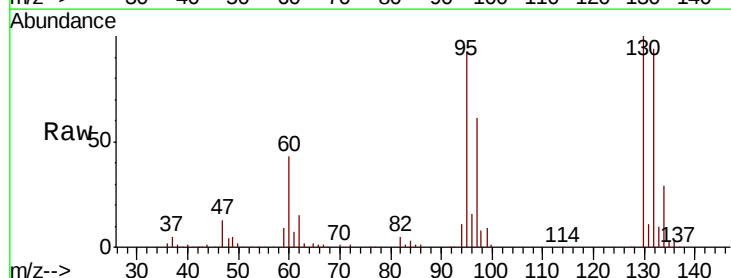
Instrument :
 MSVOA_V
 ClientSampleId :
 F9M21DL

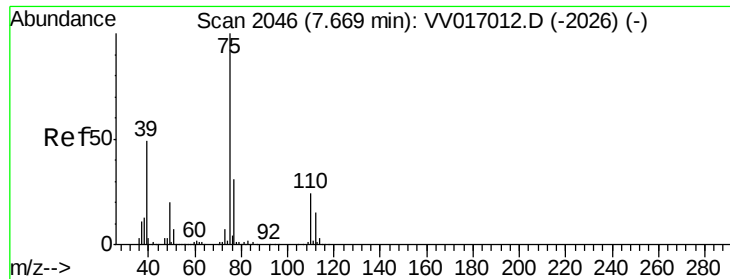
Tot Ion: 96 Resp: 223086
 Ion Ratio Lower Upper
 96 100
 61 130.0 93.4 173.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 31.824 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV017015.D
 Acq: 22 Jun 2020 12:29

Tgt Ion: 95 Resp: 81282
 Ion Ratio Lower Upper
 95 100
 97 65.9 44.3 82.3
 132 100.3 67.9 126.1
 130 107.2 72.2 134.2





#44

trans-1,3-Dichloropropene

Concen: 0.967 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017015.D

Acq: 22 Jun 2020 12:29

Instrument :

MSVOA_V

ClientSampleId :

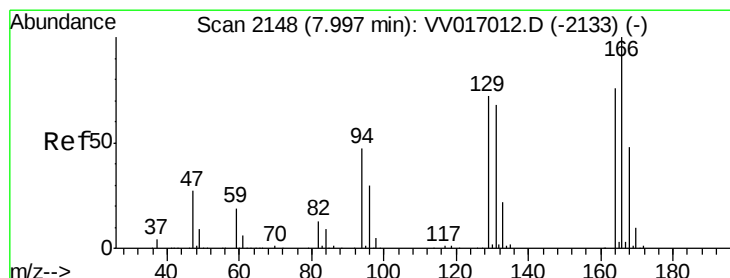
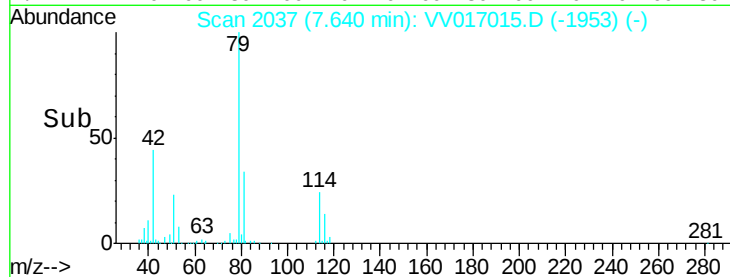
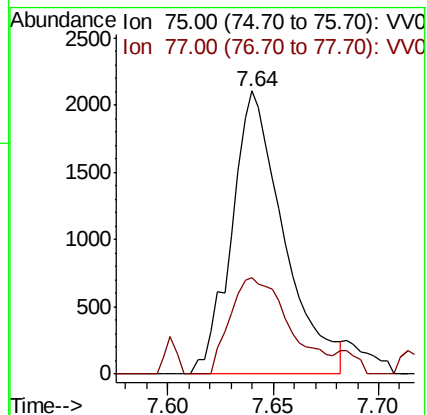
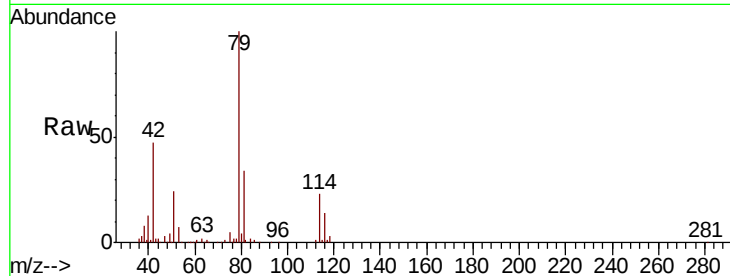
F9M21DL

Tot Ion: 75 Resp: 3616

Ion Ratio Lower Upper

75 100

77 34.0 21.7 40.3



#46

Tetrachloroethene

Concen: 89.143 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017015.D

Acq: 22 Jun 2020 12:29

Tgt Ion: 164 Resp: 179064

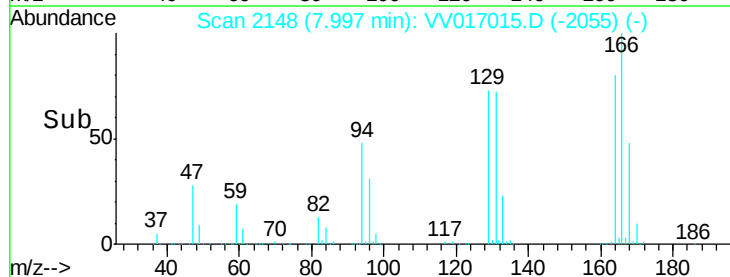
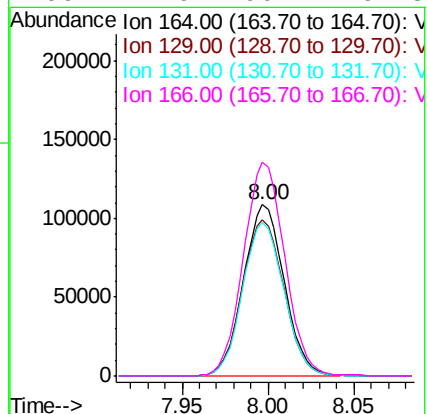
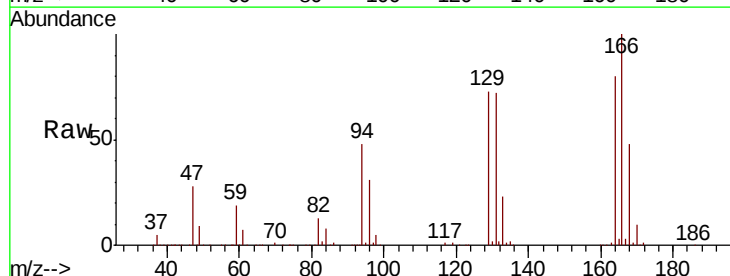
Ion Ratio Lower Upper

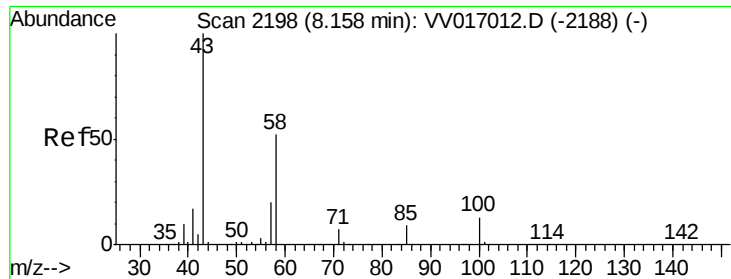
164 100

129 91.2 67.0 124.4

131 89.7 64.8 120.3

166 124.9 90.4 167.8





#48

2-Hexanone

Concen: 4.406 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV017015.D

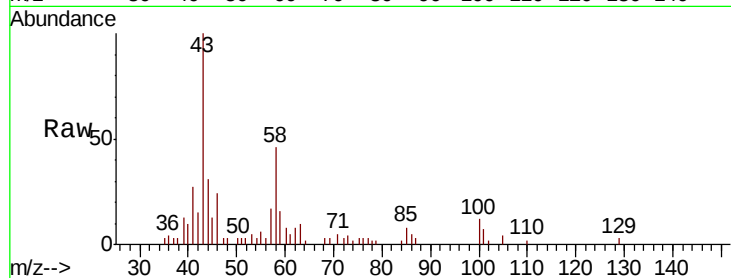
Acq: 22 Jun 2020 12:29

Instrument :

MSVOA_V

ClientSampleId :

F9M21DL



Tot Ion: 43 Resp: 11989

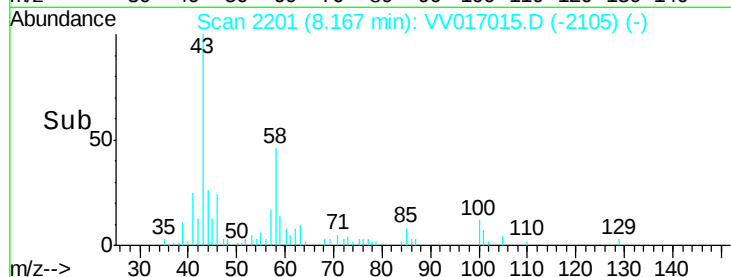
Ion Ratio Lower Upper

43 100

58 51.3 43.1 64.7

57 17.3 15.3 22.9

100 11.5 10.0 15.0



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

