

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\
 Data File : VV015906.D
 Acq On : 06 May 2020 13:46
 Operator : SY/MD
 Sample : L2519-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 07 02:03:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 07 02:01:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	180110	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	173651	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	82449	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	47764	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.58	69	40557	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.12	63	69742	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	3.93	46	125169	43.58	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.16%
24) Chloroform-d	4.37	84	95169	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.06	65	52318	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
32) Benzene-d6	5.07	84	182004	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.09	67	56285	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.80%
41) Toluene-d8	7.34	98	166134	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.64	79	19684	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.11	63	88865	38.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	37735	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	59258	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

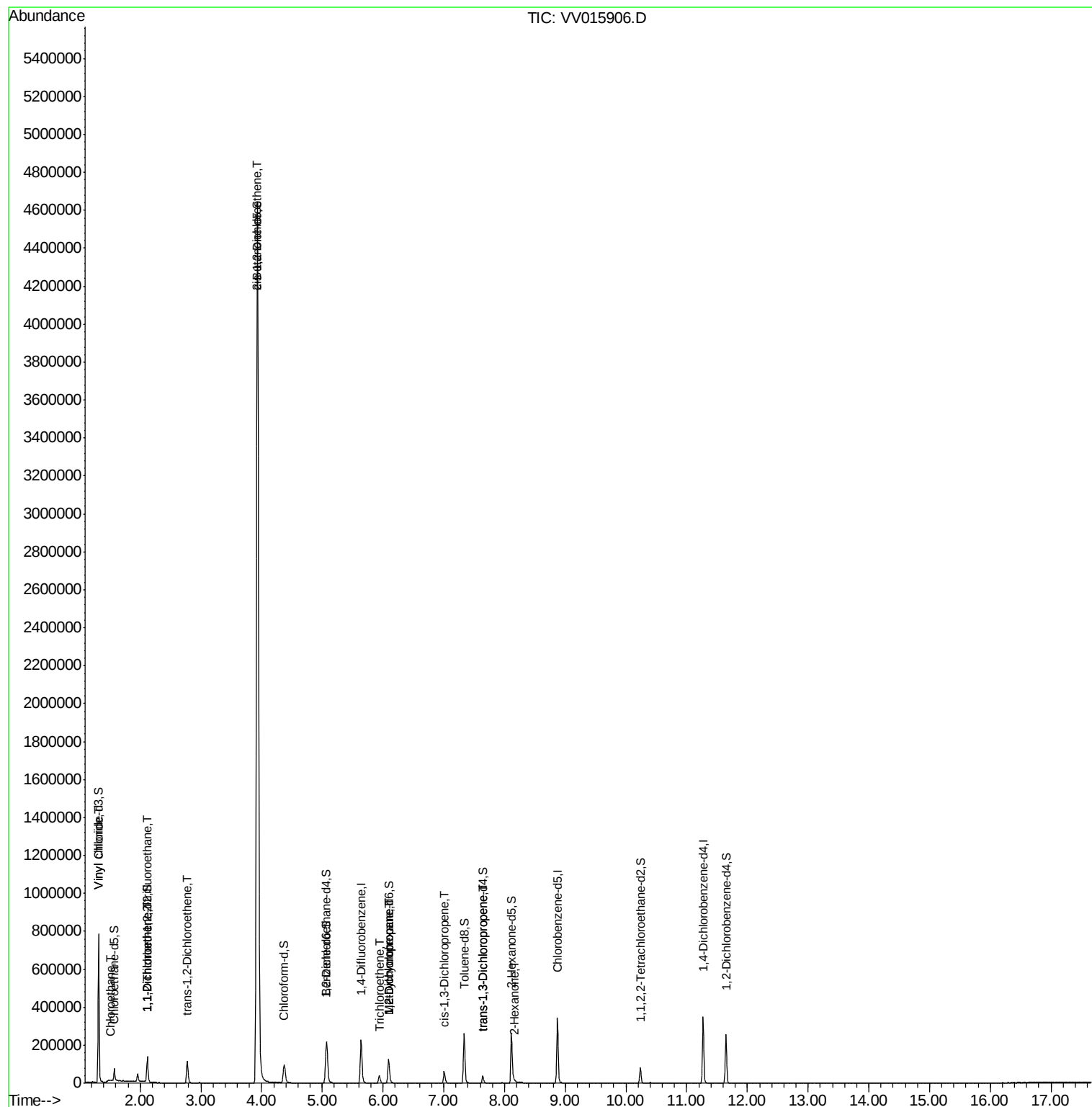
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	433927	31.517	ug/L	99
8) Chloroethane	1.51	64	18307	2.186	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3999	0.378	ug/L #	86
12) 1,1-Dichloroethene	2.13	96	1786	0.177	ug/L #	1
18) trans-1,2-Dichloroethene	2.78	96	41511	3.658	ug/L	97
22) cis-1,2-Dichloroethene	3.93	96	2431612	205.630	ug/L	99
34) Trichloroethene	5.94	95	12986	1.049	ug/L	95
35) Methylcyclohexane	6.09	83	14309	0.706	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	6923	0.608	ug/L #	87
39) cis-1,3-Dichloropropene	7.00	75	1722	0.108	ug/L #	59
44) trans-1,3-Dichloropropene	7.65	75	996	0.074	ug/L	95
48) 2-Hexanone	8.17	43	4227	0.834	ug/L #	91

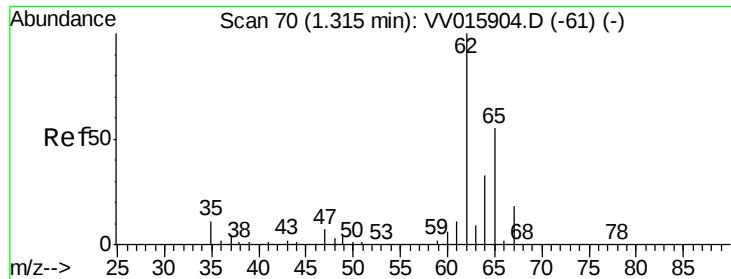
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 07 02:01:25 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 31.517 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV015906.D

Acq: 06 May 2020 13:46

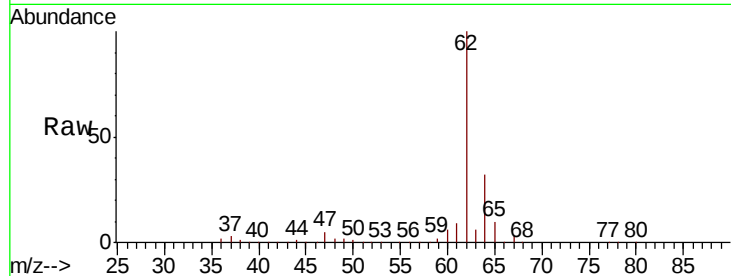
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 433927

Ion Ratio Lower Upper

62 100

64 32.3 22.4 41.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

400000

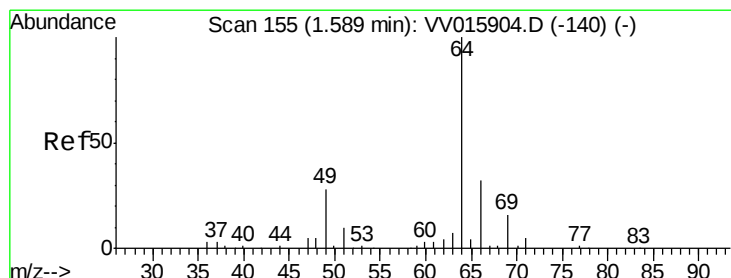
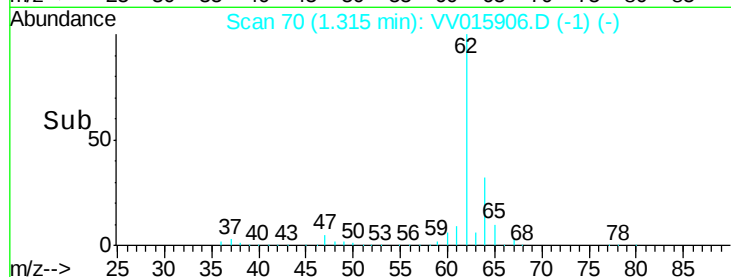
300000

200000

100000

0

Time-->



#8

Chloroethane

Concen: 2.186 ug/L

RT: 1.51 min Scan# 129

Delta R.T. -0.08 min

Lab File: VV015906.D

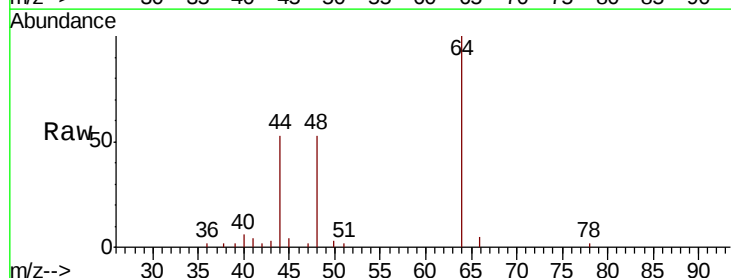
Acq: 06 May 2020 13:46

Tgt Ion: 64 Resp: 18307

Ion Ratio Lower Upper

64 100

66 5.5 23.6 43.8#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

1.51

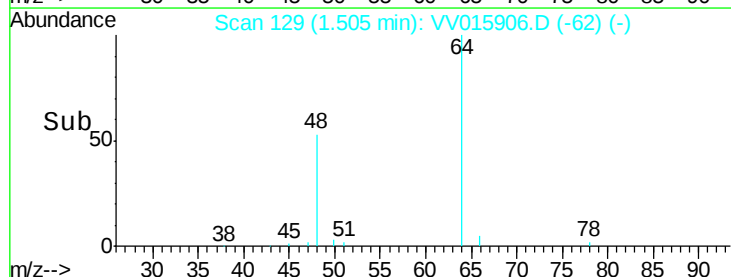
6000

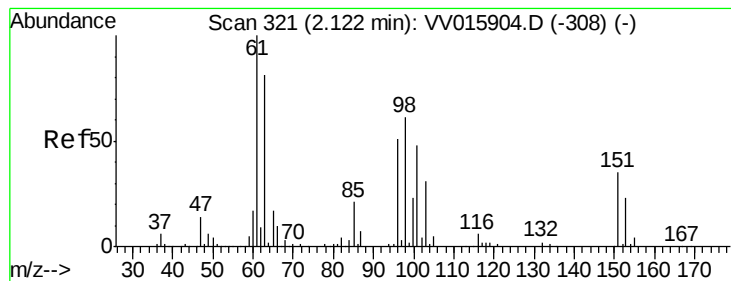
4000

2000

0

Time-->





#10

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

Concen: 0.378 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV015906.D

Acq: 06 May 2020 13:46

Instrument :

MSVOA_V

ClientSampleId :

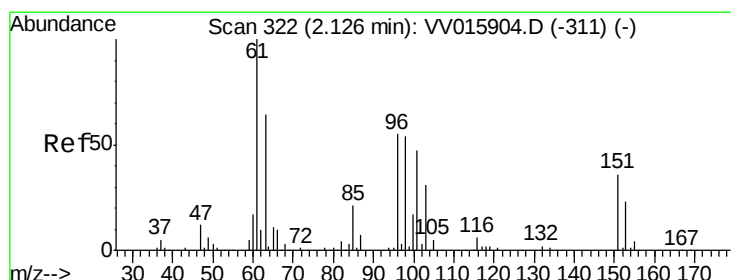
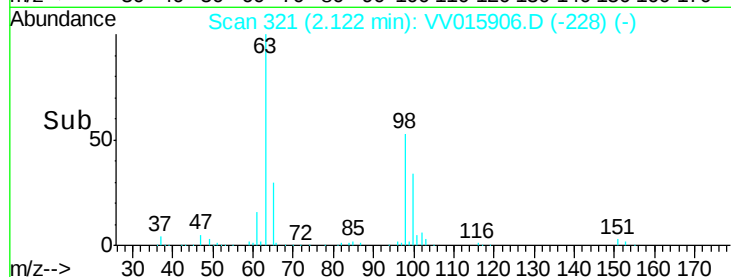
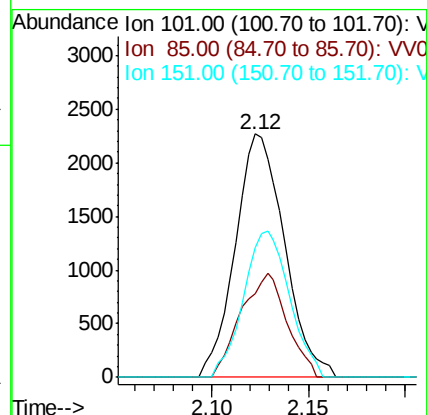
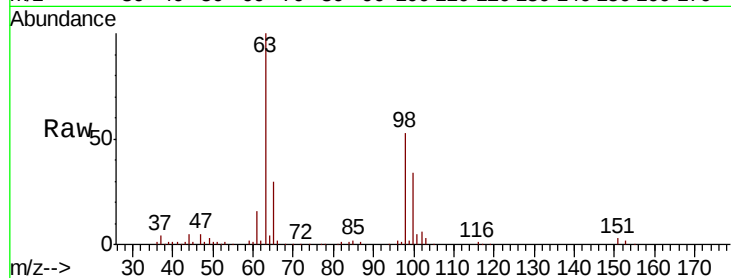
Tot Ion:101 Resp: 3999

Ion Ratio Lower Upper

101 100

85 40.3 35.7 53.5

151 56.5 58.0 87.0#



#12

1,1-Dichloroethene

Concen: 0.177 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV015906.D

Acq: 06 May 2020 13:46

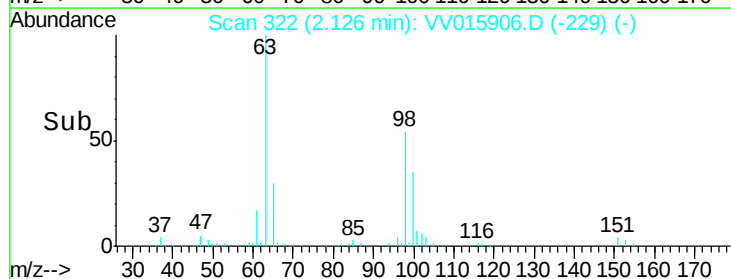
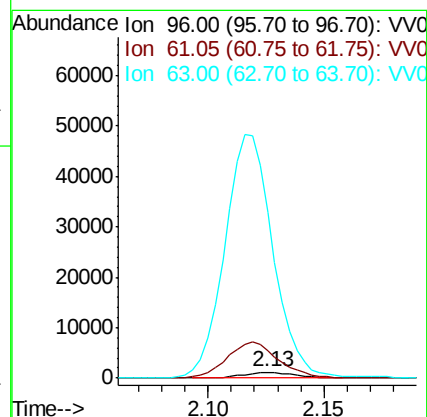
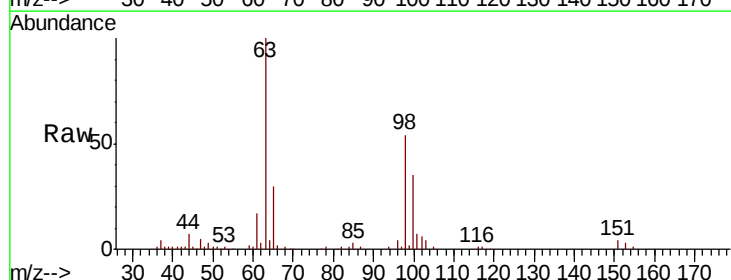
Tgt Ion: 96 Resp: 1786

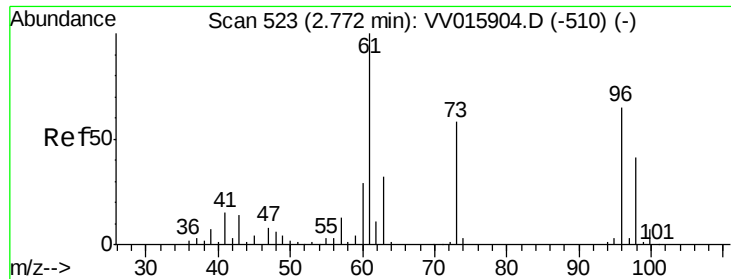
Ion Ratio Lower Upper

96 100

61 464.6 139.9 259.7#

63 2807.8 106.4 197.6#





#18

trans-1,2-Dichloroethene

Concen: 3.658 ug/L

RT: 2.78 min Scan# 524

Delta R.T. 0.00 min

Lab File: VV015906.D

Acq: 06 May 2020 13:46

Instrument :

MSVOA_V

ClientSampled :

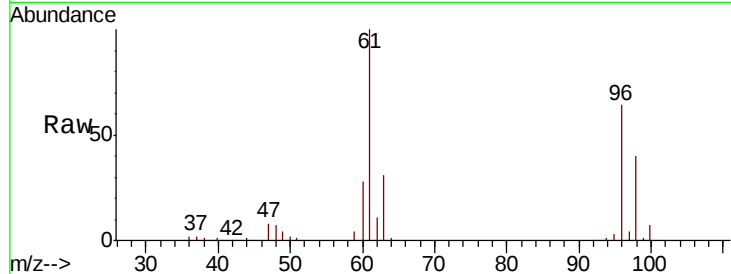
Tot Ion: 96 Resp: 41511

Ion Ratio Lower Upper

96 100

61 155.9 105.3 195.5

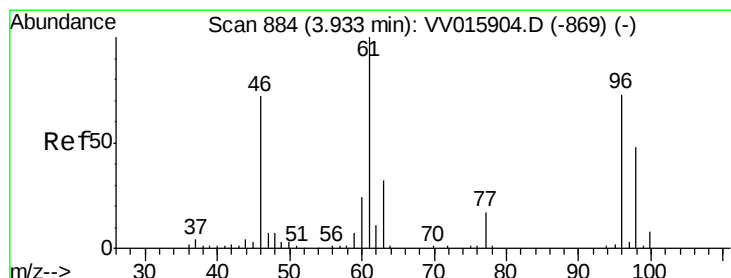
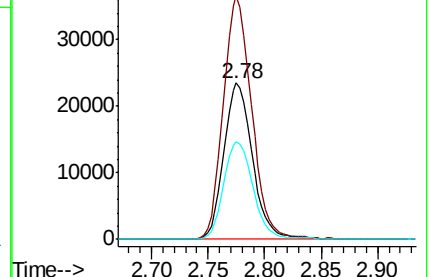
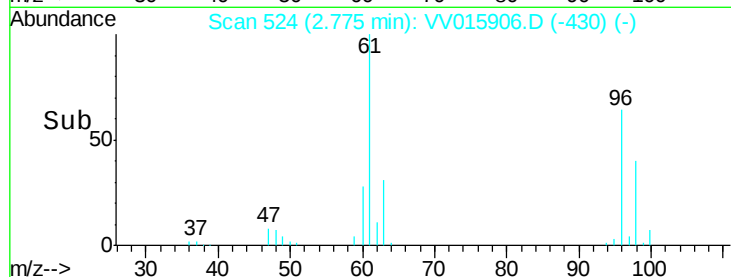
98 62.4 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VV015906.D (-430) (-)

Ion 61.05 (60.75 to 61.75): VV015906.D (-430) (-)

Ion 97.95 (97.65 to 98.65): VV015906.D (-430) (-)



#22

cis-1,2-Dichloroethene

Concen: 205.630 ug/L

RT: 3.93 min Scan# 884

Delta R.T. -0.00 min

Lab File: VV015906.D

Acq: 06 May 2020 13:46

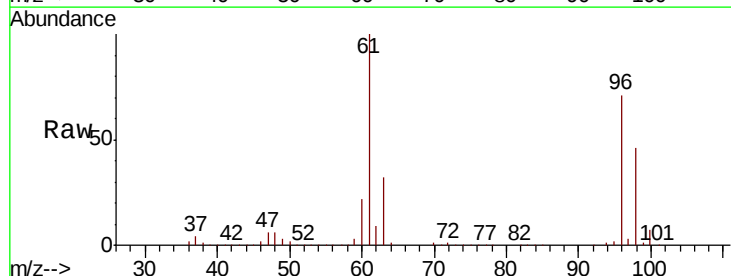
Tgt Ion: 96 Resp: 2431612

Ion Ratio Lower Upper

96 100

61 140.0 97.2 180.6

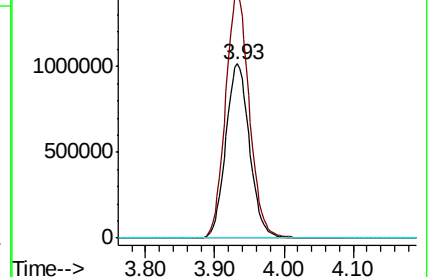
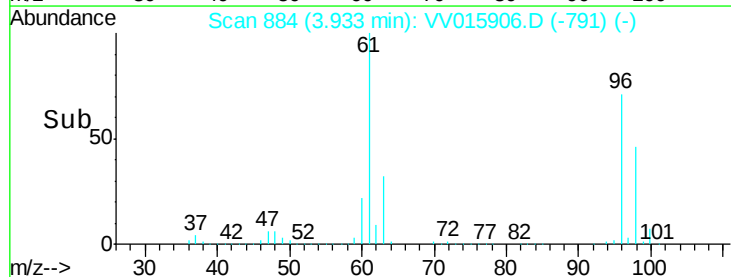
68 0.0 0.0 0.0

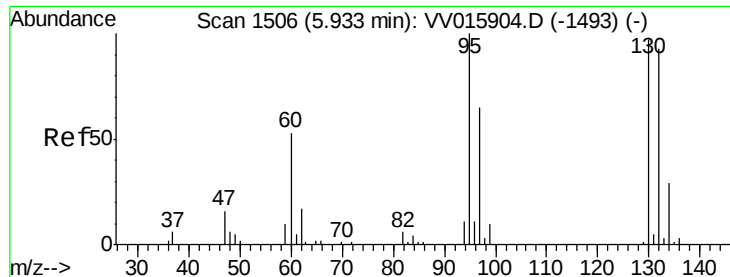


Abundance Ion 96.00 (95.70 to 96.70): VV015906.D (-791) (-)

Ion 61.05 (60.75 to 61.75): VV015906.D (-791) (-)

Ion 68.15 (67.85 to 68.85): VV015906.D (-791) (-)





#34

Trichloroethene

Concen: 1.049 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV015906.D

Acq: 06 May 2020 13:46

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 12986

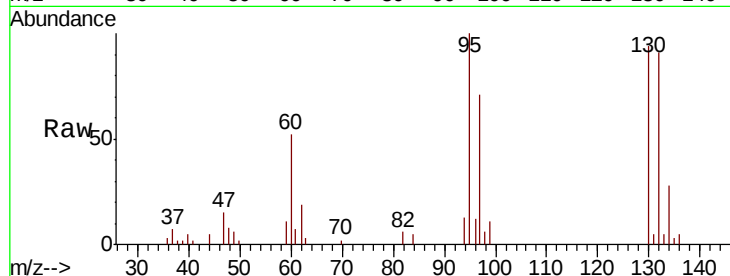
Ion Ratio Lower Upper

95 100

97 70.6 43.3 80.5

132 91.2 60.3 112.1

130 94.1 66.0 122.6

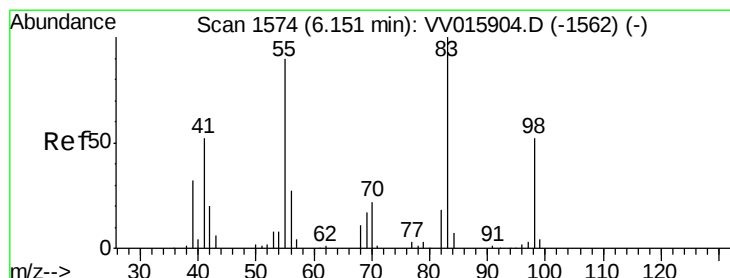
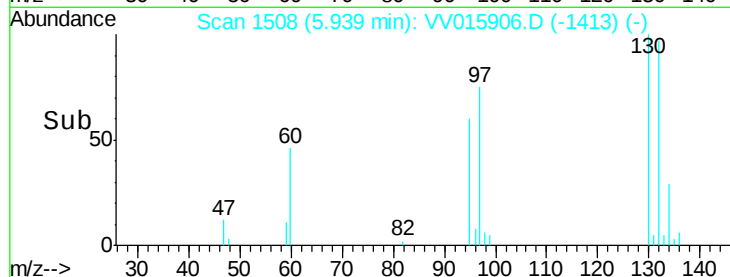
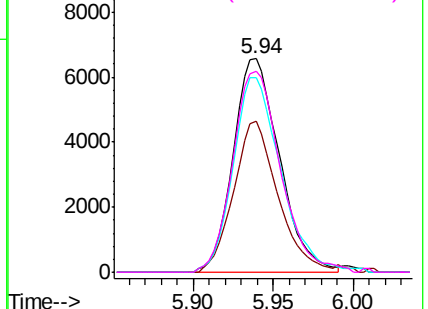


Abundance Ion 95.00 (94.70 to 95.70): VV015904.D (-1493) (-)

Ion 96.95 (96.65 to 97.65): VV015904.D (-1493) (-)

Ion 131.95 (131.65 to 132.65): VV015904.D (-1493) (-)

Ion 129.95 (129.65 to 130.65): VV015904.D (-1493) (-)



#35

Methylcyclohexane

Concen: 0.706 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.06 min

Lab File: VV015906.D

Acq: 06 May 2020 13:46

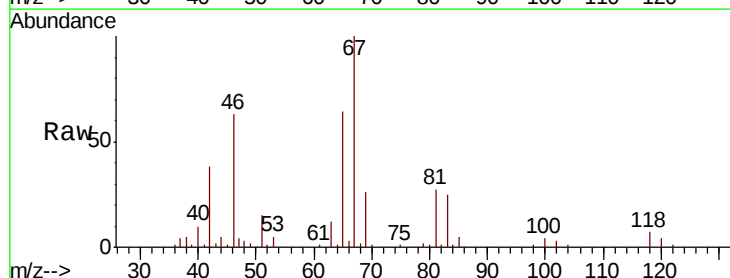
Tgt Ion: 83 Resp: 14309

Ion Ratio Lower Upper

83 100

55 0.3 66.2 99.2#

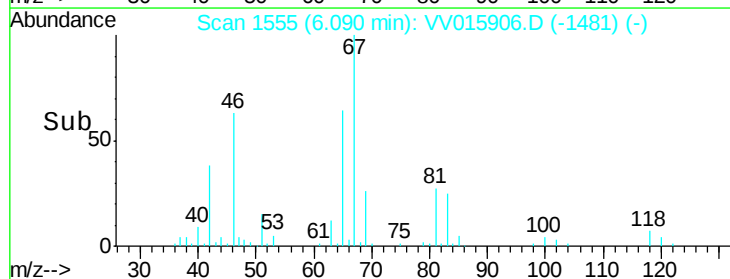
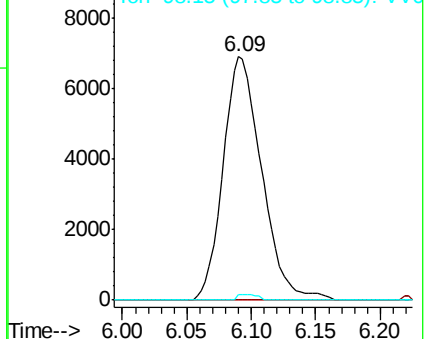
98 1.1 37.9 56.9#

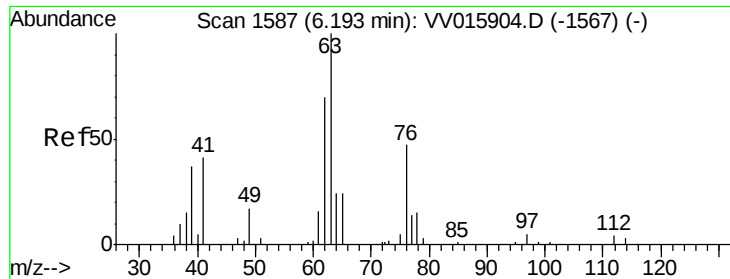


Abundance Ion 83.15 (82.85 to 83.85): VV015904.D (-1562) (-)

Ion 55.10 (54.80 to 55.80): VV015904.D (-1562) (-)

Ion 98.15 (97.85 to 98.85): VV015904.D (-1562) (-)





#37

1,2-Dichloropropane

Concen: 0.608 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.10 min

Lab File: VV015906.D

Acq: 06 May 2020 13:46

Instrument :

MSVOA_V

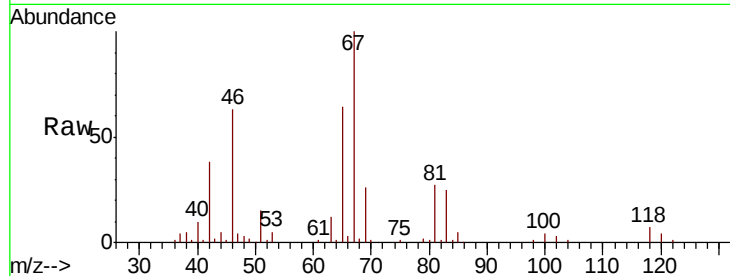
ClientSampleId :

Tot Ion: 63 Resp: 6923

Ion Ratio Lower Upper

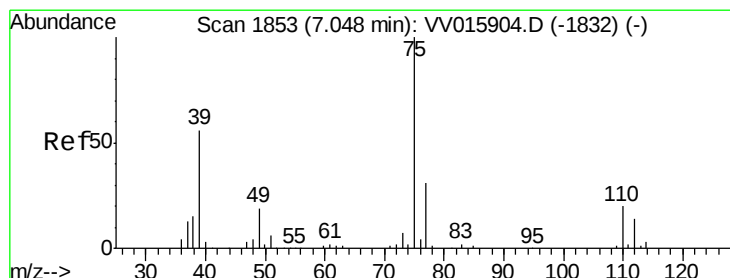
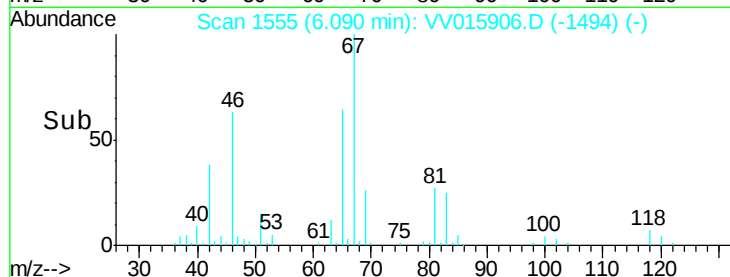
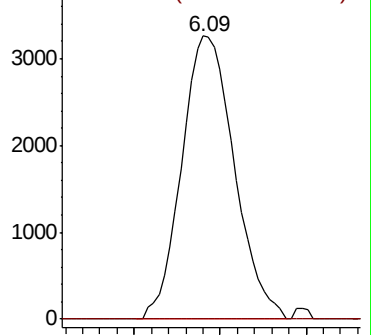
63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV015904.D (-1567) (-)

Ion 112.10 (111.80 to 112.80): VV015904.D (-1567) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 7.00 min Scan# 1839

Delta R.T. -0.05 min

Lab File: VV015906.D

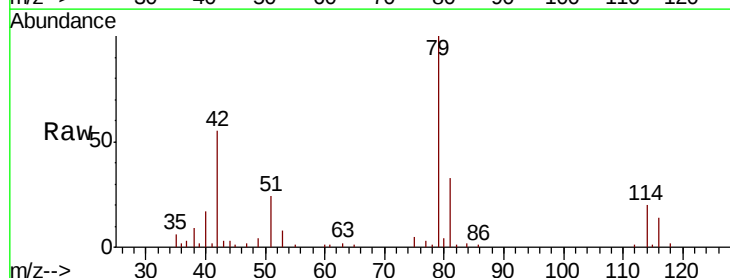
Acq: 06 May 2020 13:46

Tgt Ion: 75 Resp: 1722

Ion Ratio Lower Upper

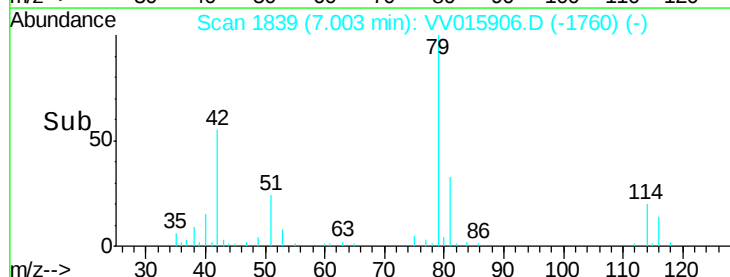
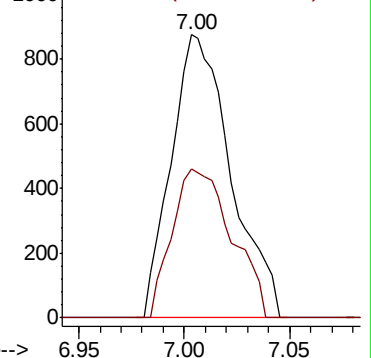
75 100

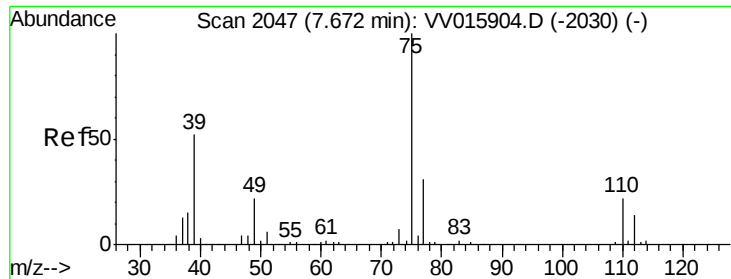
77 52.8 21.3 39.5#



Abundance Ion 75.05 (74.75 to 75.75): VV015904.D (-1832) (-)

Ion 77.05 (76.75 to 77.75): VV015904.D (-1832) (-)

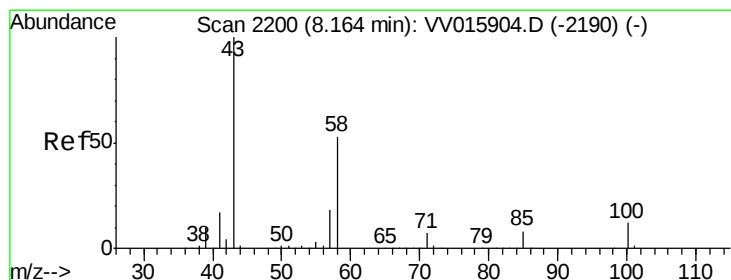
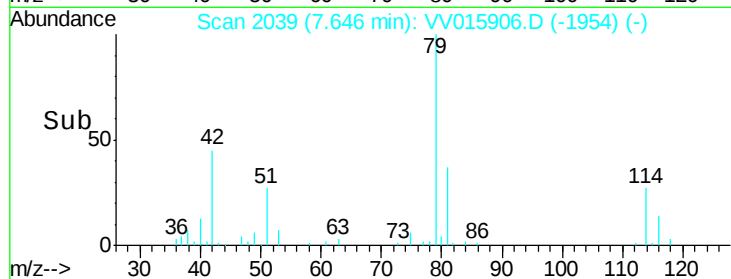
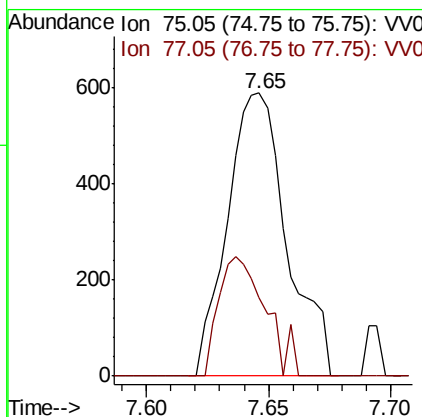
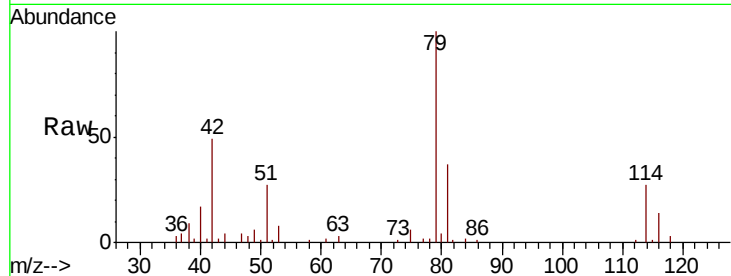




#44
trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015906.D
Acq: 06 May 2020 13:46

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 996
Ion Ratio Lower Upper
75 100
77 27.9 21.3 39.6



#48
2-Hexanone
Concen: 0.834 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. 0.01 min
Lab File: VV015906.D
Acq: 06 May 2020 13:46

Tgt Ion: 43 Resp: 4227
Ion Ratio Lower Upper
43 100
58 45.7 40.8 61.2
57 16.2 14.7 22.1
100 3.2 9.0 13.6#

