

Data File : VV013676.D
Acq On : 19 Nov 2019 14:21
Operator : SY/MD
Sample : K5910-09DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQJ2DL

Quant Time: Nov 20 01:34:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 20 01:31:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	351973	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	346195	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	145550	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103357	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.58	69	101017	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.13	63	145318	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.96	46	315221	62.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.38%
24) Chloroform-d	4.40	84	247472	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.08	65	128062	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.09	84	493573	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.12	67	154740	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.36	98	412338	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.66	79	54109	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.14	63	214502	51.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	115098	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	166665	5.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.00%

Target Compounds

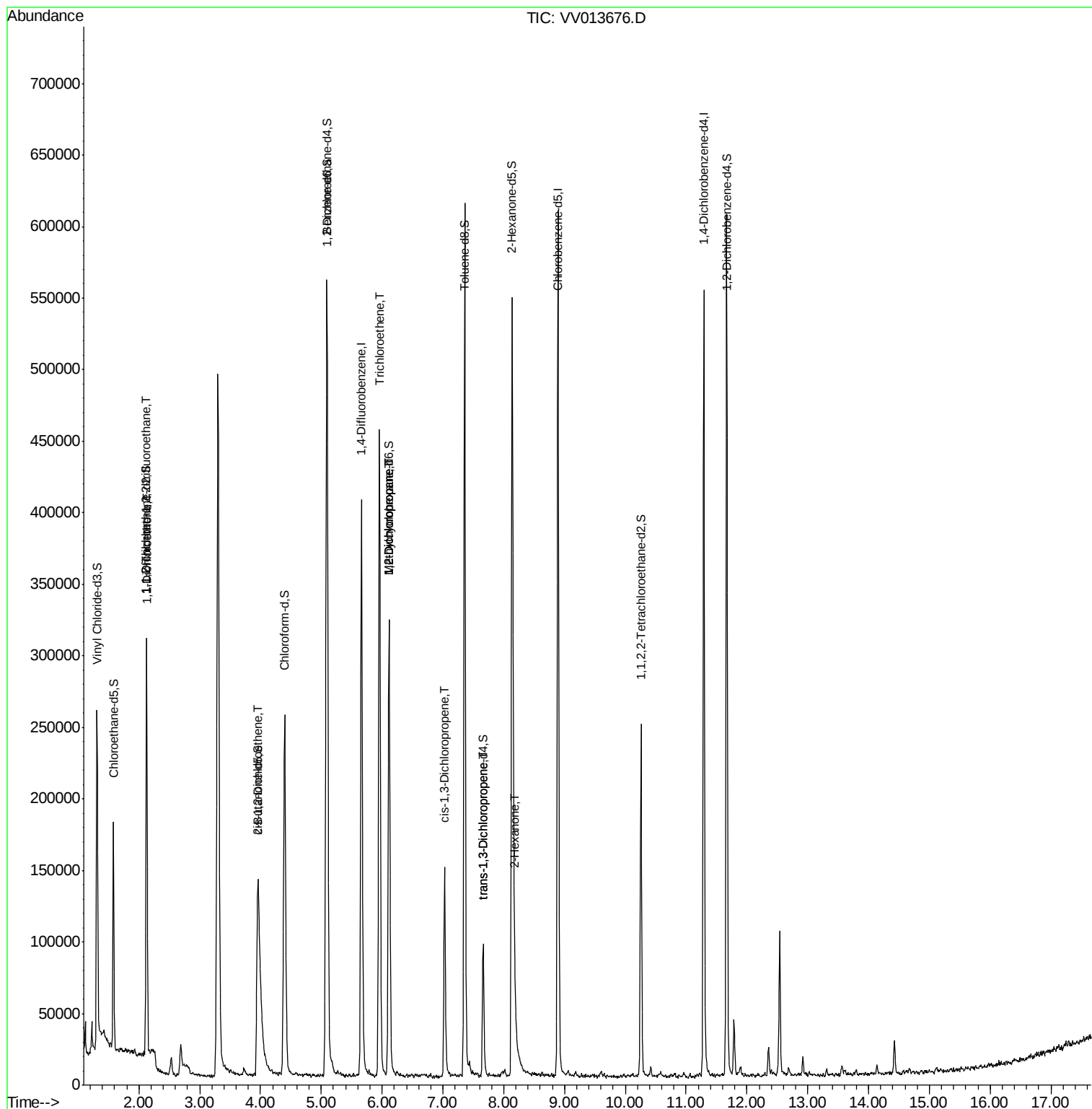
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1797	0.083	ug/L #	27
12) 1,1-Dichloroethene	2.14	96	2602	0.124	ug/L #	1
22) cis-1,2-Dichloroethene	3.96	96	5059	0.188	ug/L #	91
34) Trichloroethene	5.95	95	150842	5.378	ug/L	99
35) Methylcyclohexane	6.12	83	37601	0.879	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	17155	0.684	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	3446	0.096	ug/L #	69
44) trans-1,3-Dichloropropene	7.66	75	2616	0.092	ug/L #	77
48) 2-Hexanone	8.18	43	10729	1.036	ug/L #	42

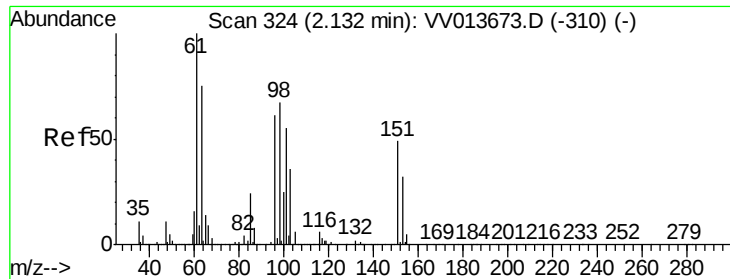
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.083 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV013676.D

Acq: 19 Nov 2019 14:21

Instrument :

MSVOA_V

ClientSampleId :

GAQJ2DL

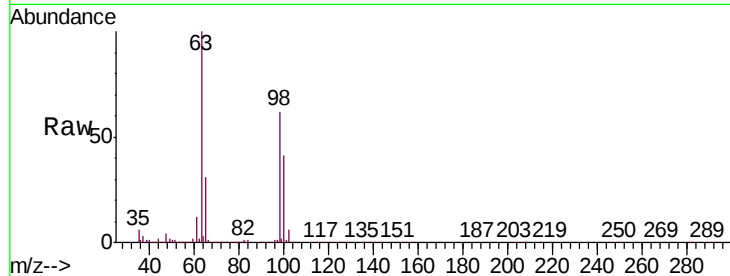
Tgt Ion: 101 Resp: 1797

Ion Ratio Lower Upper

101 100

85 8.3 32.0 48.0#

151 10.5 69.0 103.6#

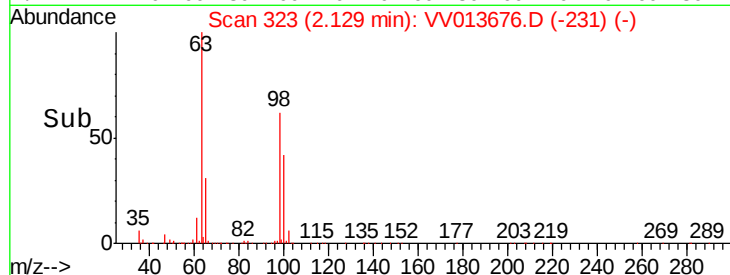


Abundance Ion 101.00 (100.70 to 101.70): VV013673.D (-310) (-)

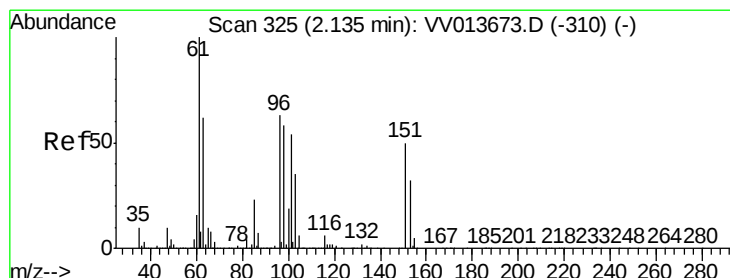
Ion 85.00 (84.70 to 85.70): VV013676.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV013676.D (-232) (-)

Time-->



Time-->



#12

1,1-Dichloroethene

Concen: 0.124 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV013676.D

Acq: 19 Nov 2019 14:21

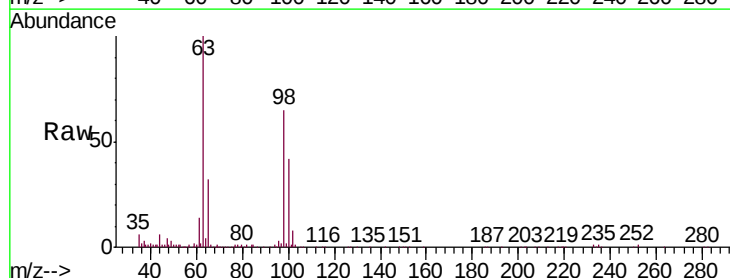
Tgt Ion: 96 Resp: 2602

Ion Ratio Lower Upper

96 100

61 446.3 112.5 208.9#

63 3105.8 76.9 142.7#

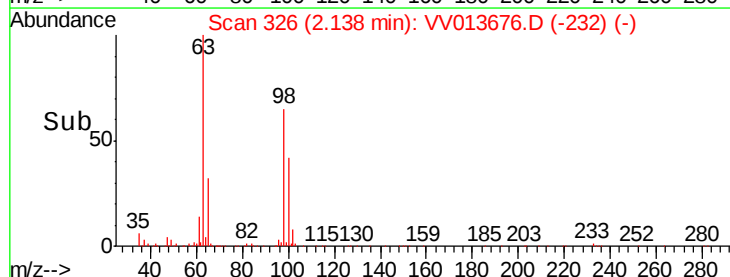


Abundance Ion 96.00 (95.70 to 96.70): VV013673.D (-310) (-)

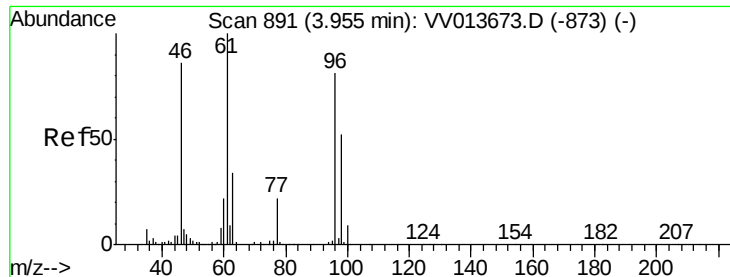
Ion 61.05 (60.75 to 61.75): VV013676.D (-232) (-)

Ion 63.00 (62.70 to 63.70): VV013676.D (-232) (-)

Time-->



Time-->

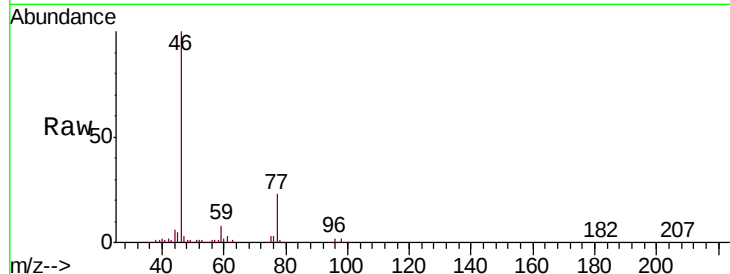


#22

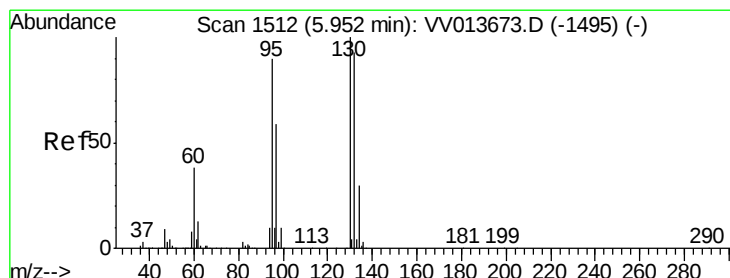
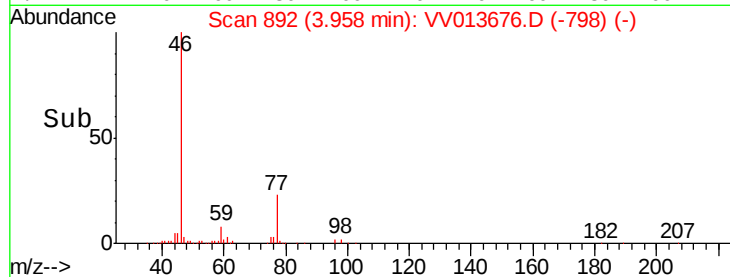
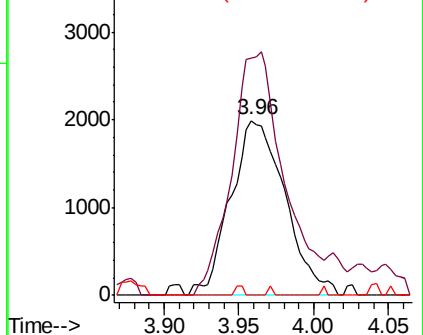
cis-1,2-Dichloroethene
Concen: 0.188 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013676.D
Acq: 19 Nov 2019 14:21

Instrument :
MSVOA_V
ClientSampleId :
GAQJ2DL

Tgt Ion: 96 Resp: 5059
Ion Ratio Lower Upper
96 100
61 135.8 87.7 162.9
68 0.0 0.1 0.3#



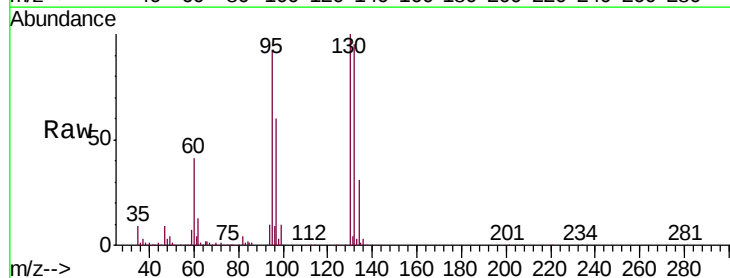
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



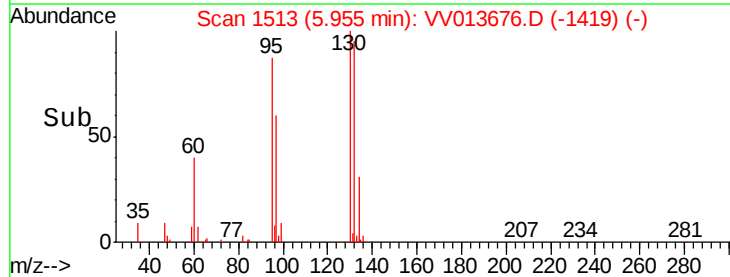
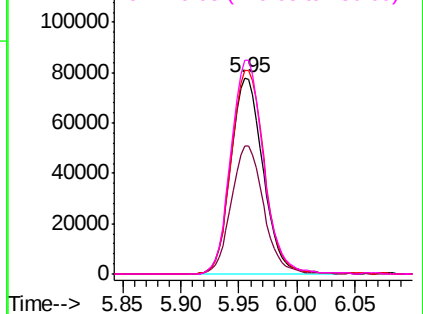
#34

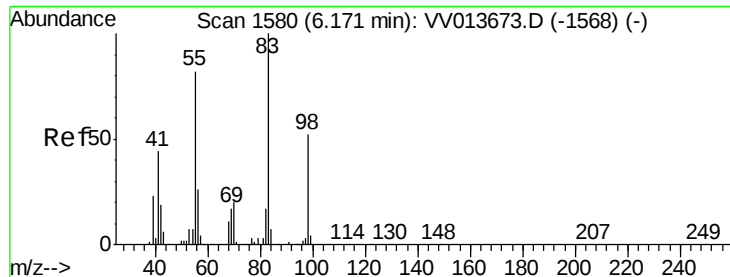
Trichloroethene
Concen: 5.378 ug/L
RT: 5.95 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013676.D
Acq: 19 Nov 2019 14:21

Tgt Ion: 95 Resp: 150842
Ion Ratio Lower Upper
95 100
97 65.1 44.8 83.2
132 103.8 72.9 135.3
130 108.7 75.1 139.5



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): VV0
Ion 129.95 (129.65 to 130.65): VV0

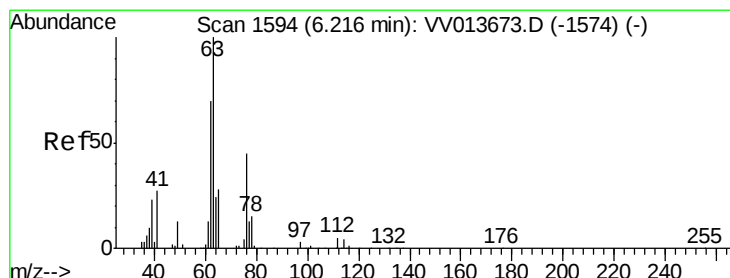
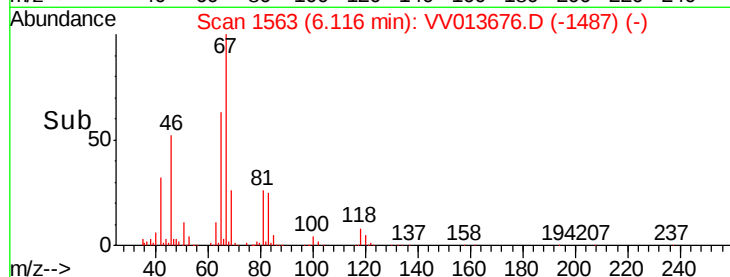
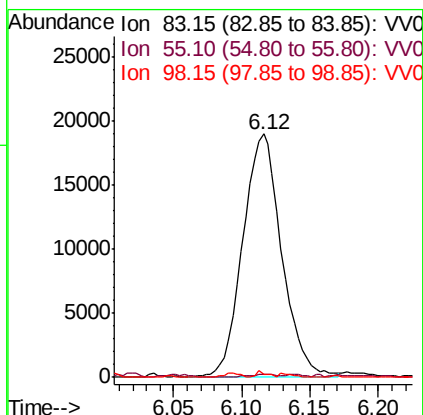
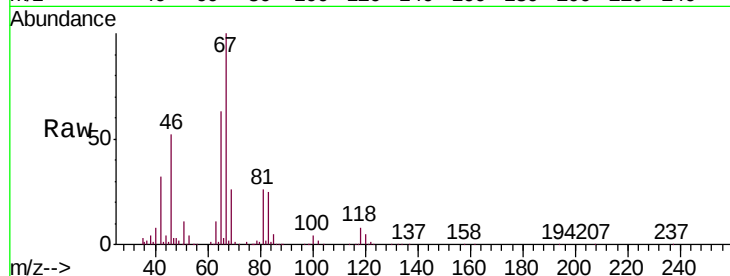




#35
Methylcyclohexane
Concen: 0.879 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013676.D
Acq: 19 Nov 2019 14:21

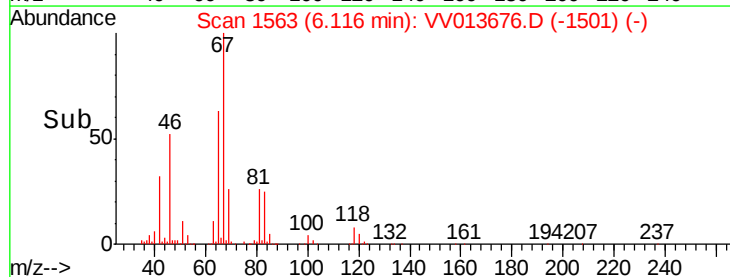
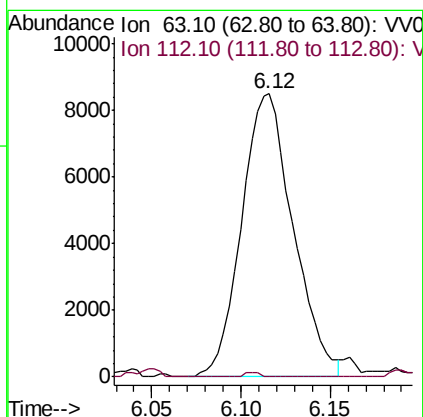
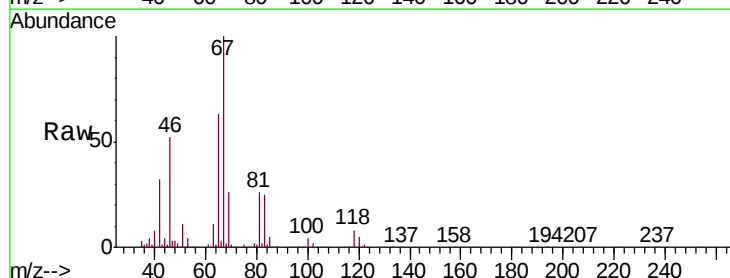
Instrument :
MSVOA_V
ClientSampleId :
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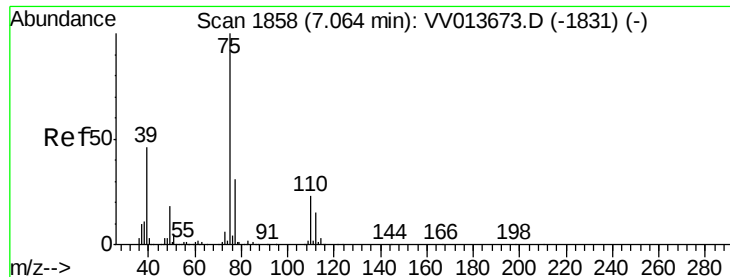
Tgt Ion: 83 Resp: 37601
Ion Ratio Lower Upper
83 100
55 1.0 64.1 96.1#
98 0.7 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.684 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013676.D
Acq: 19 Nov 2019 14:21

Tgt Ion: 63 Resp: 17155
Ion Ratio Lower Upper
63 100
112 0.4 4.1 6.1#





#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV013676.D

Acq: 19 Nov 2019 14:21

Instrument :

MSVOA_V

ClientSampleId :

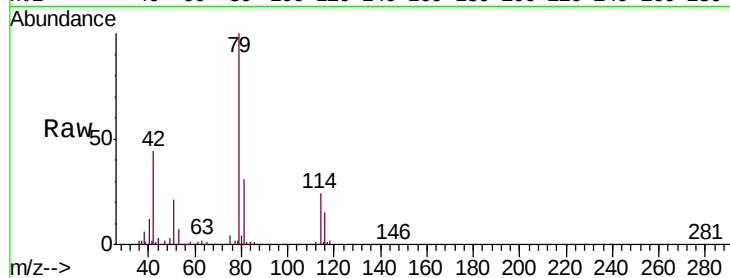
GAQJ2DL

Tgt Ion: 75 Resp: 3446

Ion Ratio Lower Upper

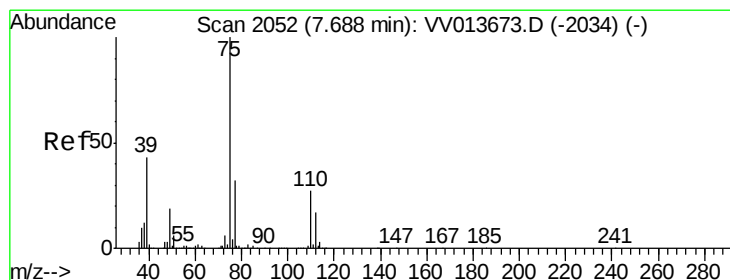
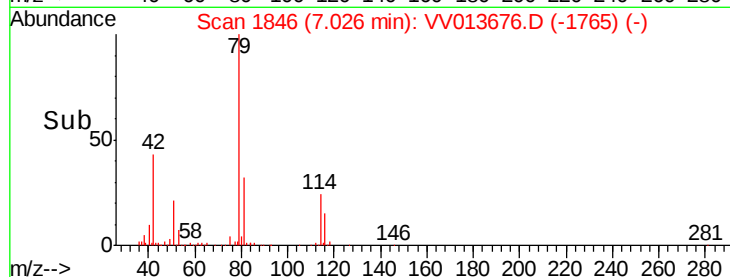
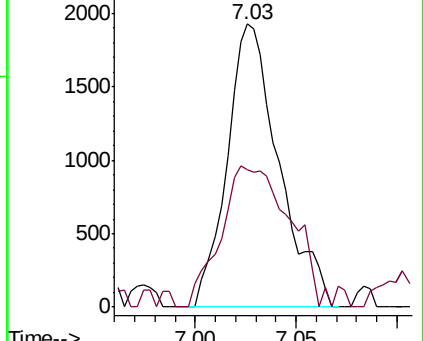
75 100

77 48.4 22.0 40.8#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV013676.D

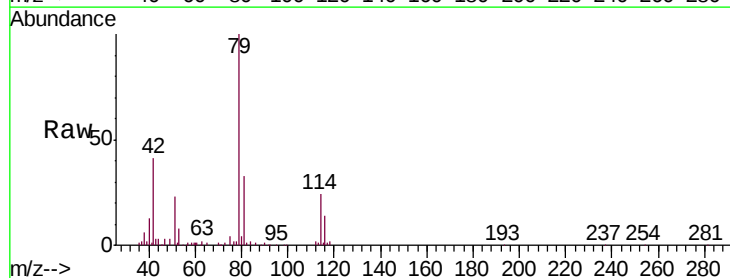
Acq: 19 Nov 2019 14:21

Tgt Ion: 75 Resp: 2616

Ion Ratio Lower Upper

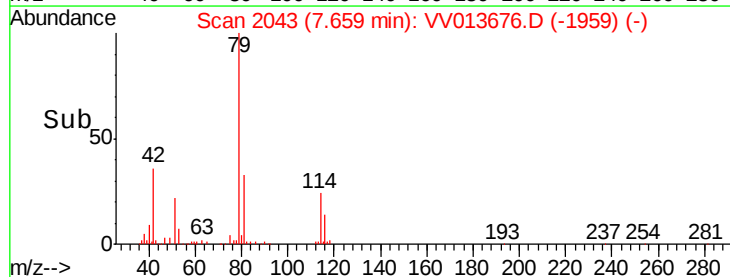
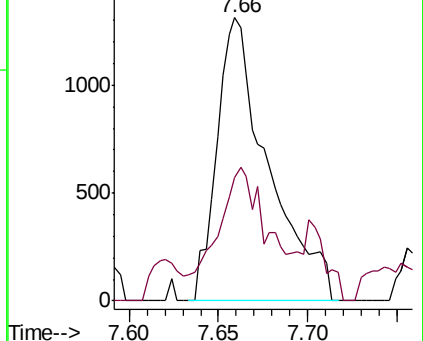
75 100

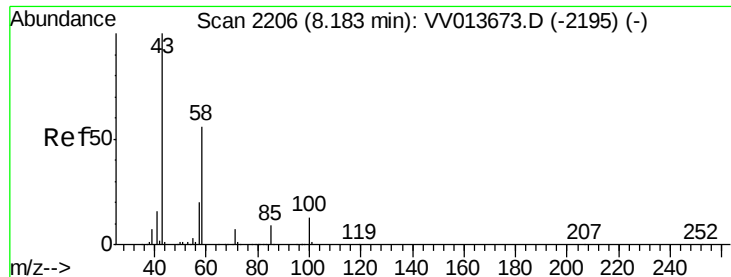
77 43.5 21.6 40.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48
 2-Hexanone
 Concen: 1.036 ug/L
 RT: 8.18 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: VV013676.D
 Acq: 19 Nov 2019 14:21

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQJ2DL

Tgt Ion: 43 Resp: 10729
 Ion Ratio Lower Upper
 43 100
 58 0.0 43.0 64.6#
 57 0.0 15.4 23.2#
 100 10.0 10.1 15.1#

