

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102320\
 Data File : VV019091.D
 Acq On : 23 Oct 2020 14:56
 Operator : SY/MD
 Sample : L4471-13RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 24 03:33:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 03:31:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	174489	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	170812	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	82492	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86809	54.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.52%
7) Chloroethane-d5	1.58	69	69608	54.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.12%
11) 1,1-Dichloroethene-d2	2.12	63	132763	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.44%
21) 2-Butanone-d5	3.91	46	104101	97.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.65%
24) Chloroform-d	4.37	84	151826	54.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.52%
26) 1,2-Dichloroethane-d4	5.05	65	107195	57.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.02%
32) Benzene-d6	5.07	84	291336	55.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.52%
36) 1,2-Dichloropropane-d6	6.09	67	90466	53.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.90%
41) Toluene-d8	7.33	98	254316	54.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.86%
43) trans-1,3-Dichloropropene-	7.64	79	45279	52.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.42%
47) 2-Hexanone-d5	8.11	63	72821	98.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.96%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	114120	50.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	101819	58.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.70%

Target Compounds

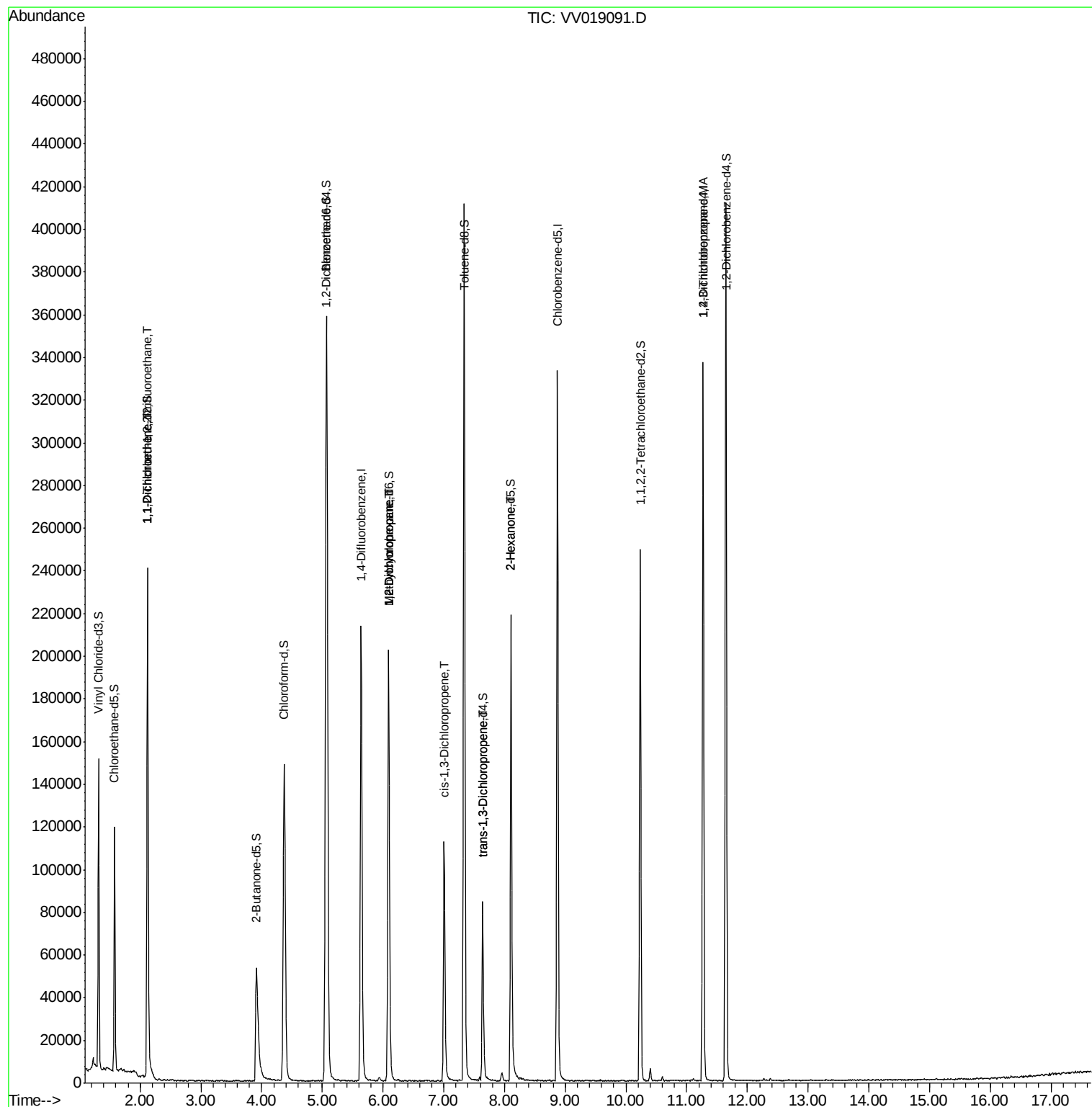
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1155	0.992	ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1052	0.903	ug/L #	1
35) Methylcyclohexane	6.09	83	21818	12.068	ug/L #	15
37) 1,2-Dichloropropane	6.09	63	10762	7.476	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3127	1.470	ug/L #	70
44) trans-1,3-Dichloropropene	7.64	75	2311	1.095	ug/L #	75
48) 2-Hexanone	8.11	43	9458	6.311	ug/L #	67
59) 1,2,3-Trichloropropane	11.27	75	10125	6.015	ug/L	95

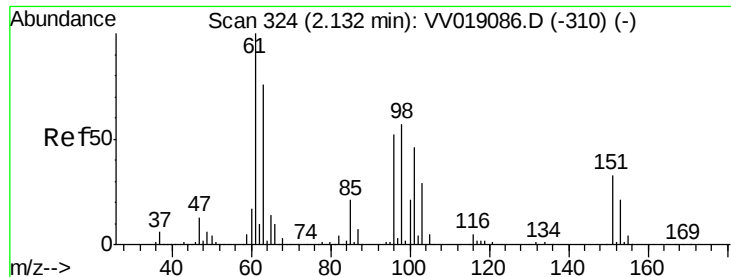
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102320\
Data File : VV019091.D
Acq On : 23 Oct 2020 14:56
Operator : SY/MD
Sample : L4471-13RE
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 24 03:33:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 24 03:31:32 2020
Response via : Initial Calibration





#10

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

Concen: 0.992 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019091.D

Acq: 23 Oct 2020 14:56

Instrument :

MSVOA_V

ClientSampled :

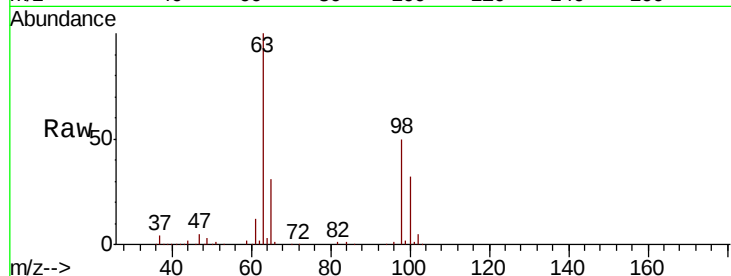
Tot Ion:101 Resp: 1155

Ion Ratio Lower Upper

101 100

85 0.0 36.9 55.3#

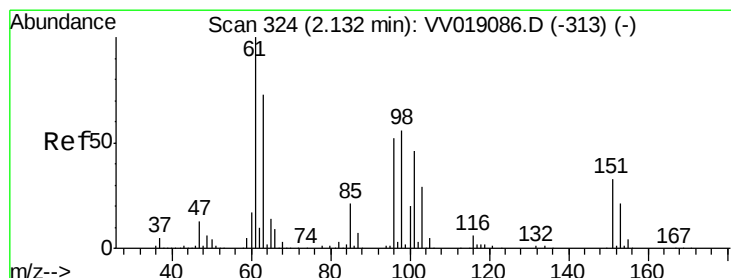
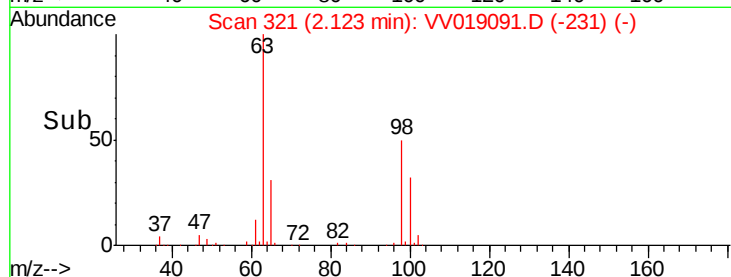
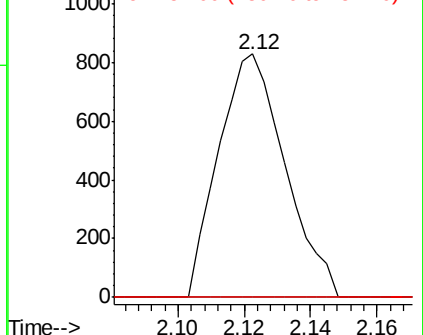
151 0.0 58.2 87.2#



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: 0.903 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019091.D

Acq: 23 Oct 2020 14:56

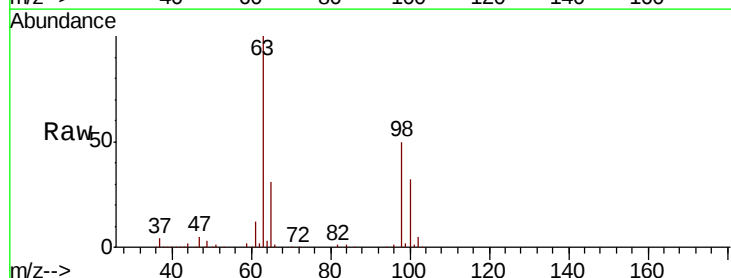
Tgt Ion: 96 Resp: 1052

Ion Ratio Lower Upper

96 100

61 1531.7 138.7 257.7#

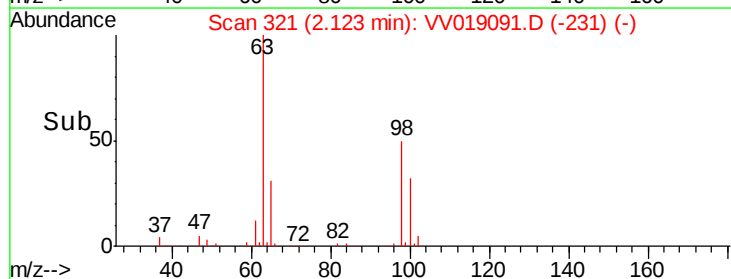
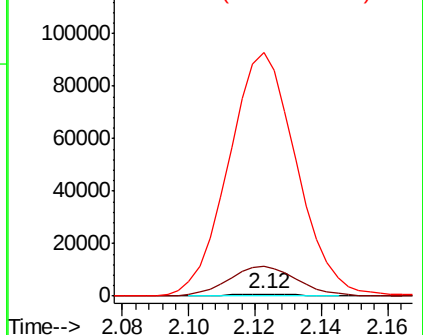
63 12613.0 126.3 234.6#

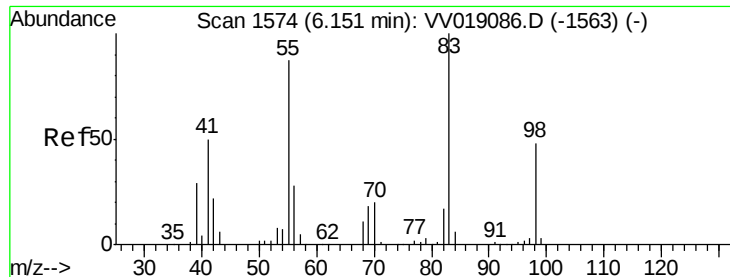


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

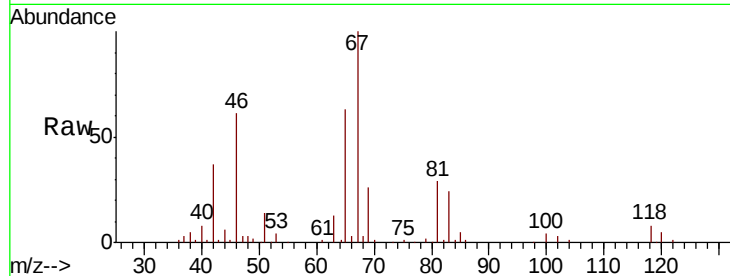




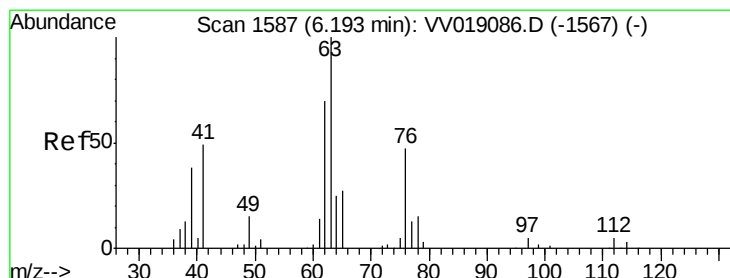
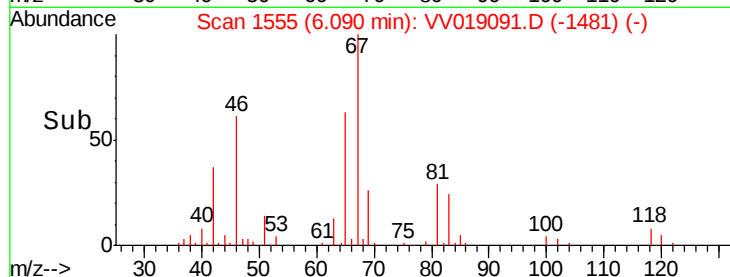
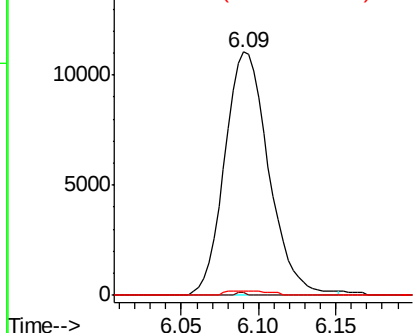
#35
Methvlcvclohexane
Concen: 12.068 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV019091.D
Acq: 23 Oct 2020 14:56

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 21818
Ion Ratio Lower Upper
83 100
55 0.2 68.1 102.1#
98 0.7 37.9 56.9#

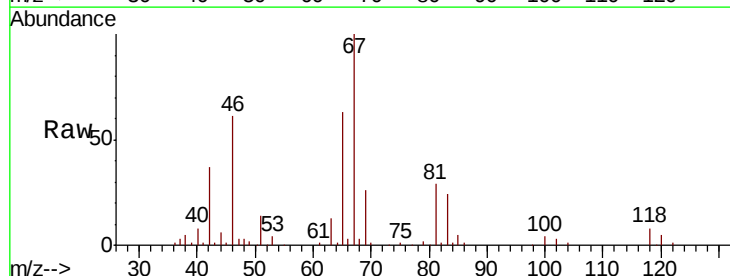


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

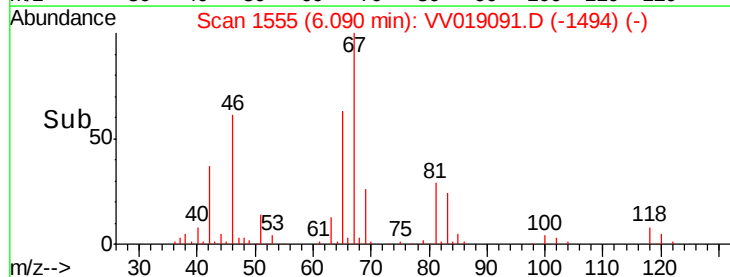
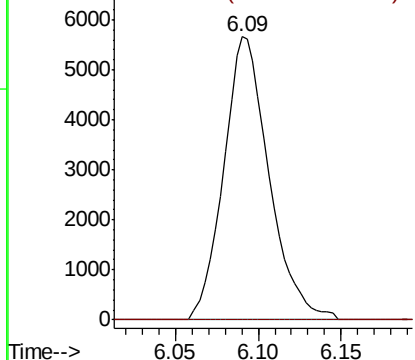


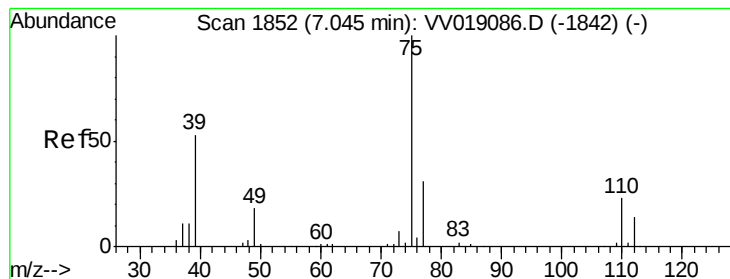
#37
1,2-Dichloropropane
Concen: 7.476 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.10 min
Lab File: VV019091.D
Acq: 23 Oct 2020 14:56

Tgt Ion: 63 Resp: 10762
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.470 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV019091.D

Acq: 23 Oct 2020 14:56

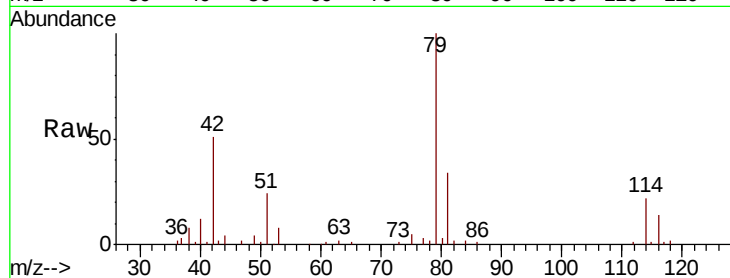
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 3127

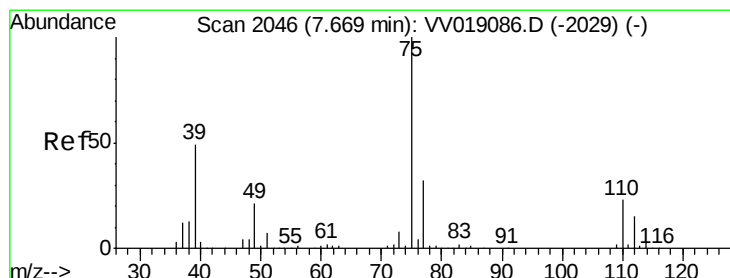
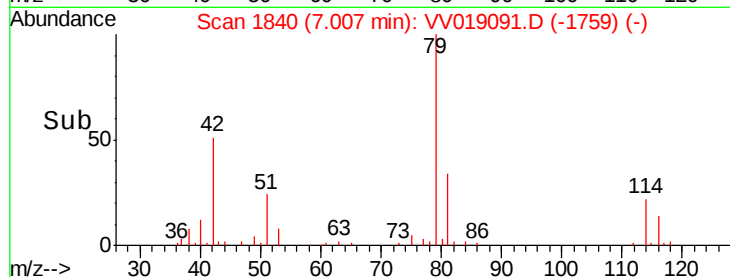
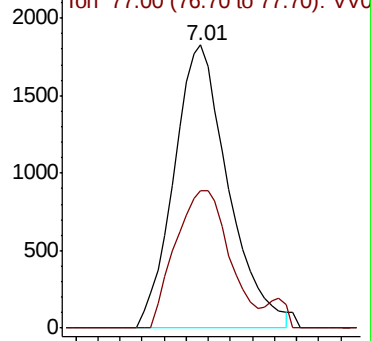
Ion Ratio Lower Upper

75 100

77 48.4 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VV019086.D (-1842) (-)



#44

trans-1,3-Dichloropropene

Concen: 1.095 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV019091.D

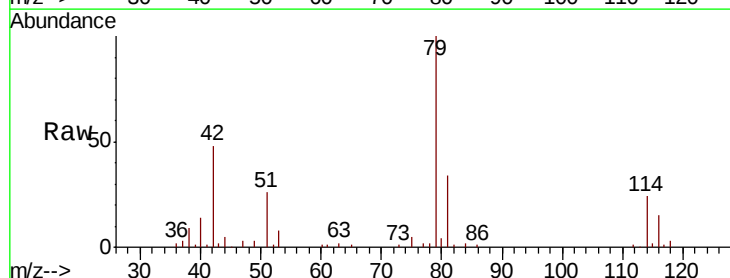
Acq: 23 Oct 2020 14:56

Tgt Ion: 75 Resp: 2311

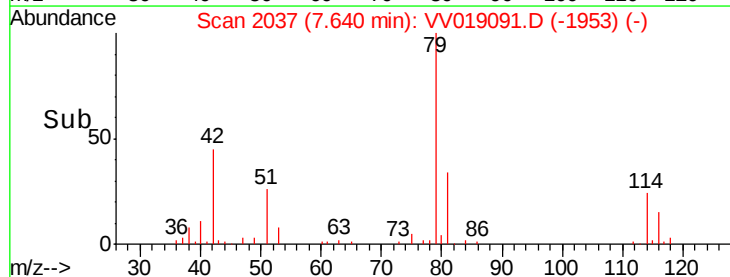
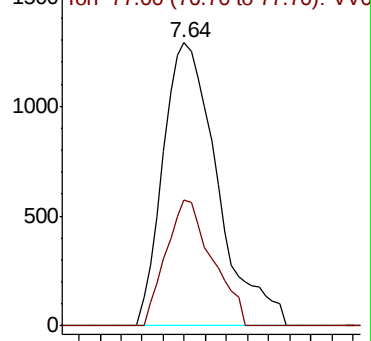
Ion Ratio Lower Upper

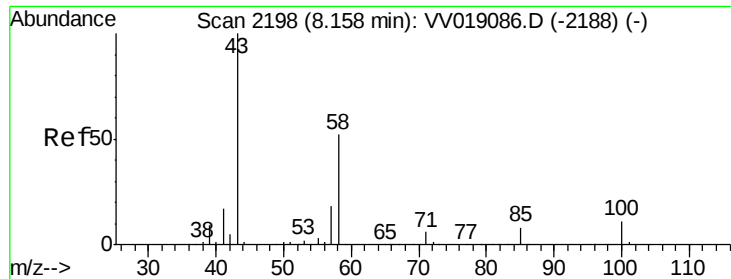
75 100

77 44.5 21.5 39.9#



Abundance Ion 75.00 (74.70 to 75.70): VV019086.D (-2029) (-)

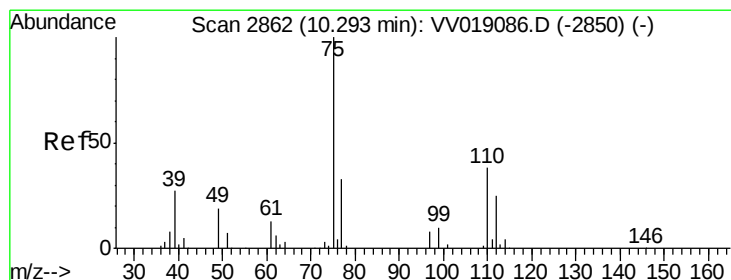
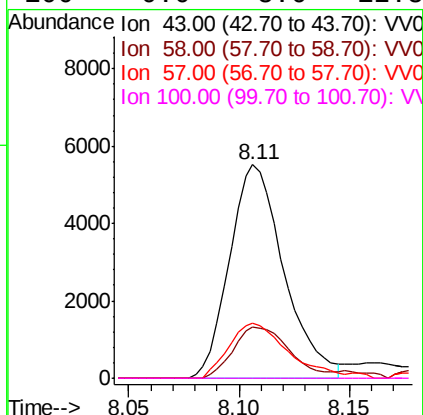
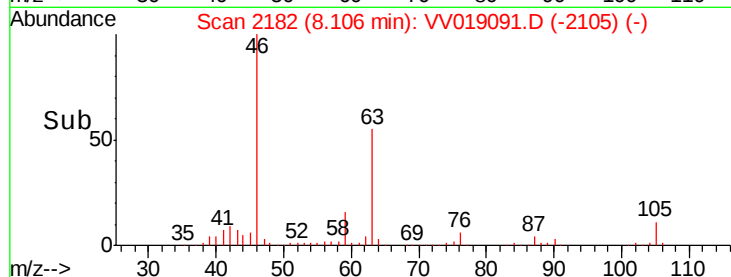
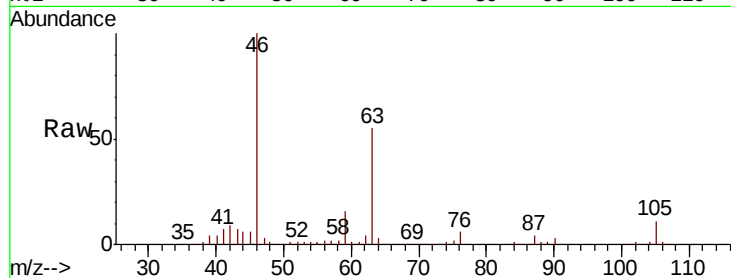




#48
2-Hexanone
Concen: 6.311 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV019091.D
Acq: 23 Oct 2020 14:56

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 9458
Ion Ratio Lower Upper
43 100
58 24.7 41.1 61.7#
57 27.7 14.7 22.1#
100 0.0 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 6.015 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV019091.D
Acq: 23 Oct 2020 14:56

Tgt Ion: 75 Resp: 10125
Ion Ratio Lower Upper
75 100
77 35.3 25.9 38.9

