

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072720\
 Data File : VV017675.D
 Acq On : 27 Jul 2020 13:53
 Operator : SY/MD
 Sample : L3443-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 28 04:55:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 28 04:52:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	151463	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	149354	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	72255	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30759	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.58	69	26317	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.12	63	55477	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	3.95	46	69390	40.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.22%
24) Chloroform-d	4.37	84	84594	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.06	65	45831	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.07	84	152444	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.09	67	40034	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.34	98	135679	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
45) trans-1,3-Dichloropropene-	7.64	79	17811	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
48) 2-Hexanone-d5	8.11	63	50428	39.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.46%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29123	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	55838	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

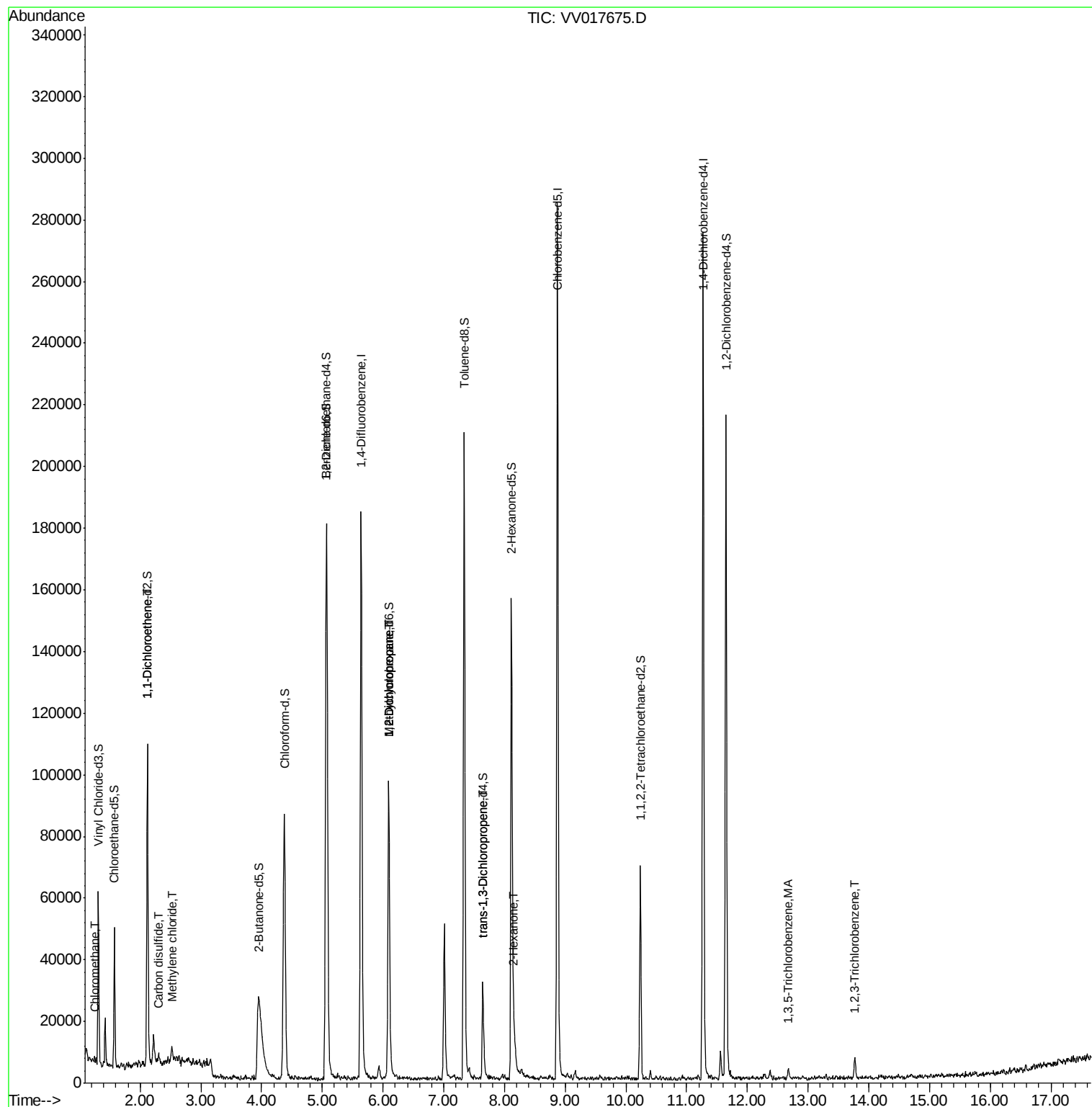
					Ovalue
3) Chloromethane	1.24	50	1103	0.102 ug/L	90
12) 1,1-Dichloroethene	2.12	96	670	0.082 ug/L #	1
14) Carbon disulfide	2.31	76	2405	0.097 ug/L #	76
16) Methylene chloride	2.52	84	1633	0.180 ug/L	88
35) Methylcyclohexane	6.09	83	12027	0.673 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	5600	0.564 ug/L #	86
46) trans-1,3-Dichloropropene	7.65	75	801	0.060 ug/L #	61
50) 2-Hexanone	8.16	43	6964	1.807 ug/L #	87
68) 1,3,5-Trichlorobenzene	12.68	180	1165	0.062 ug/L #	79
71) 1,2,3-Trichlorobenzene	13.77	180	2208	0.158 ug/L	92

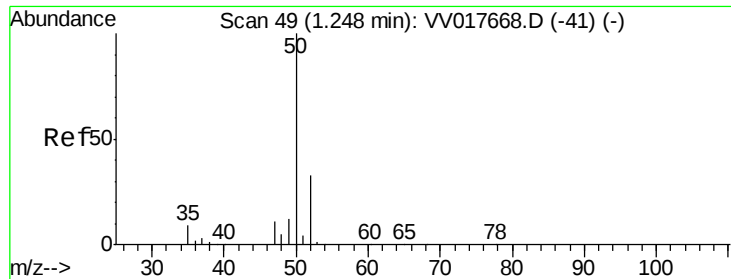
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV072720\
Data File : VV017675.D
Acq On : 27 Jul 2020 13:53
Operator : SY/MD
Sample : L3443-10
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 28 04:55:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 28 04:52:47 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.102 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV017675.D

Acq: 27 Jul 2020 13:53

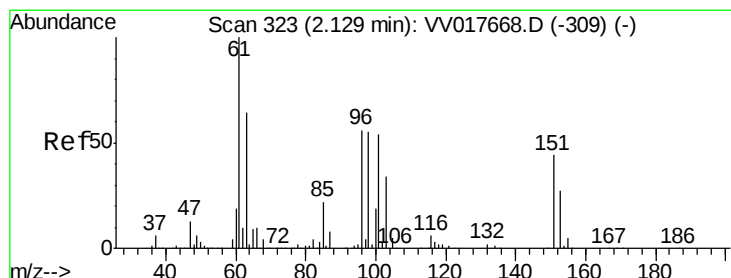
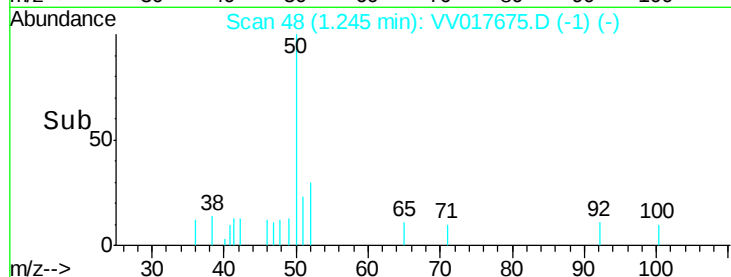
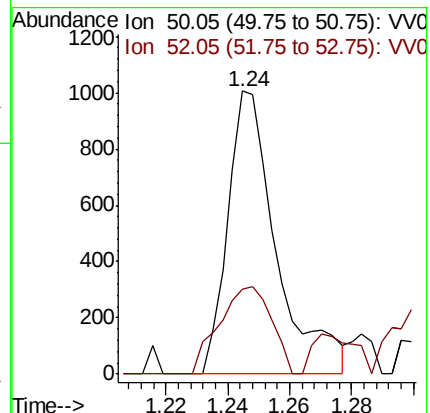
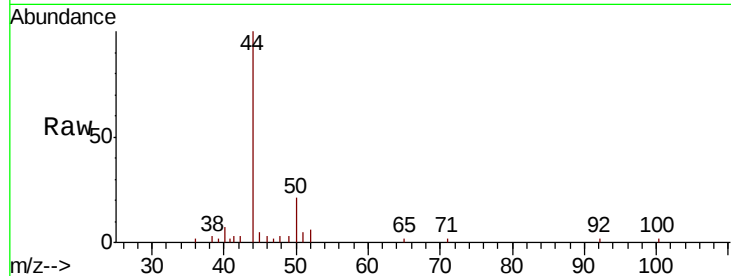
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 1103

Ion Ratio Lower Upper

50 100

52 30.2 25.1 46.5



#12

1,1-Dichloroethene

Concen: 0.082 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017675.D

Acq: 27 Jul 2020 13:53

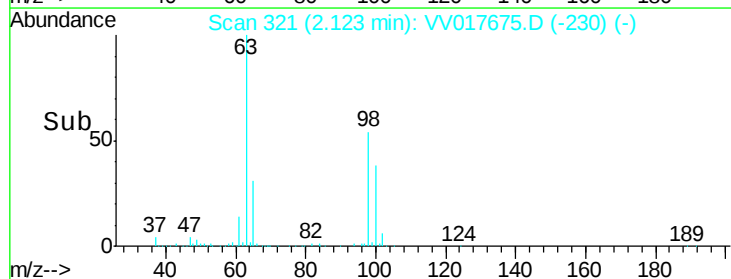
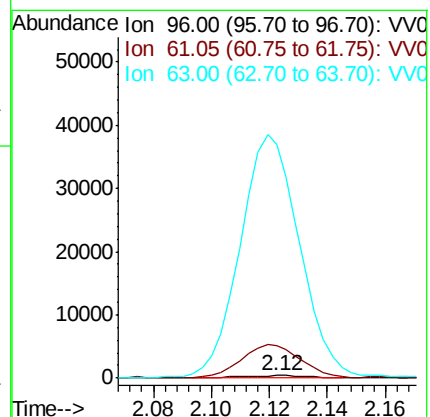
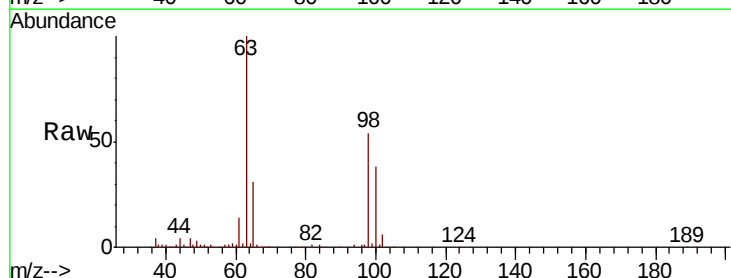
Tgt Ion: 96 Resp: 670

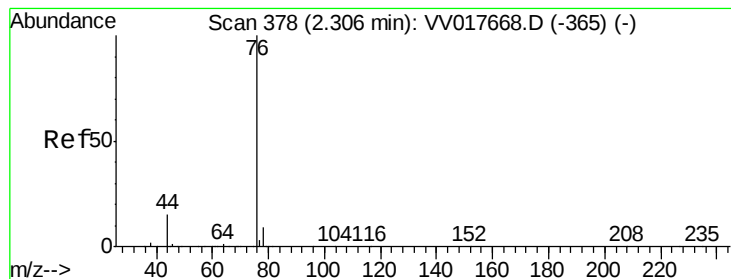
Ion Ratio Lower Upper

96 100

61 1247.8 123.1 228.7#

63 8921.7 91.2 169.4#





#14

Carbon disulfide

Concen: 0.097 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV017675.D

Acq: 27 Jul 2020 13:53

Instrument :

MSVOA_V

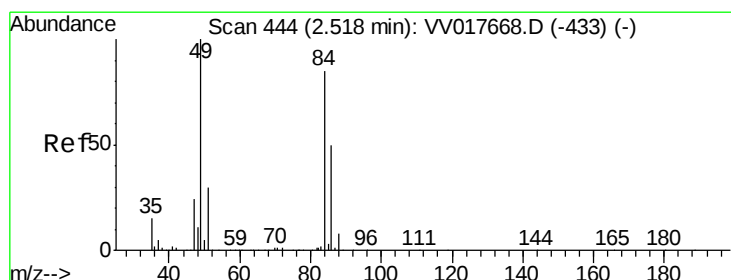
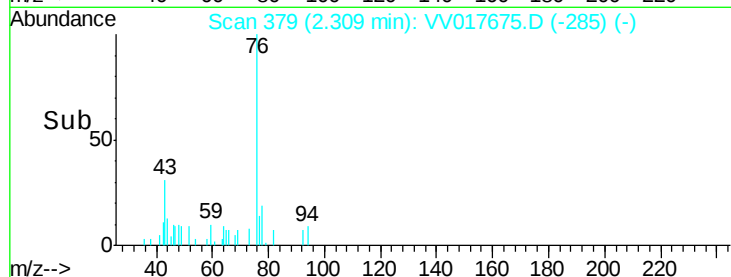
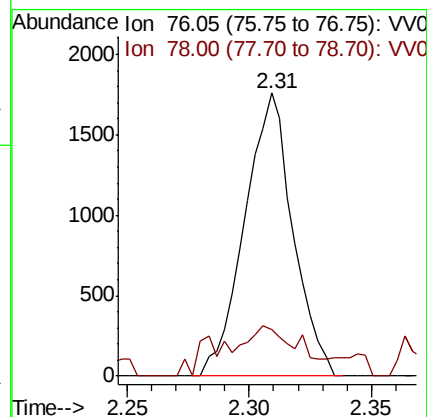
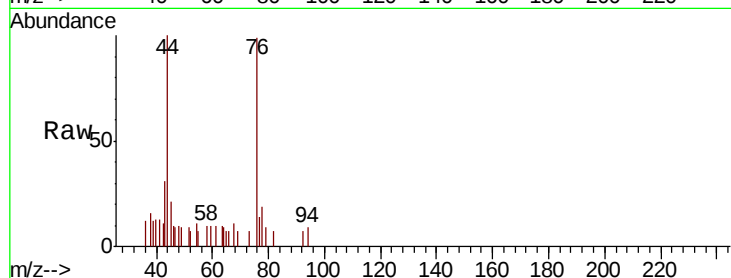
ClientSampled :

Tot Ion: 76 Resp: 2405

Ion Ratio Lower Upper

76 100

78 16.7 6.6 10.0#



#16

Methylene chloride

Concen: 0.180 ug/L

RT: 2.52 min Scan# 444

Delta R.T. 0.00 min

Lab File: VV017675.D

Acq: 27 Jul 2020 13:53

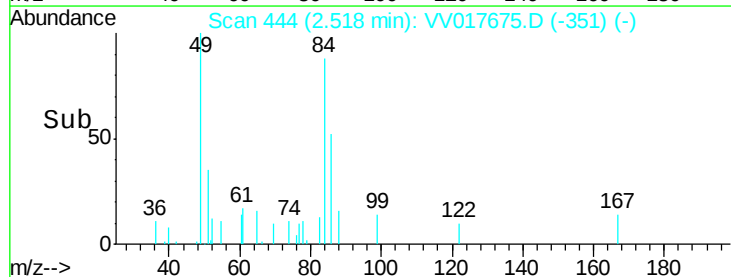
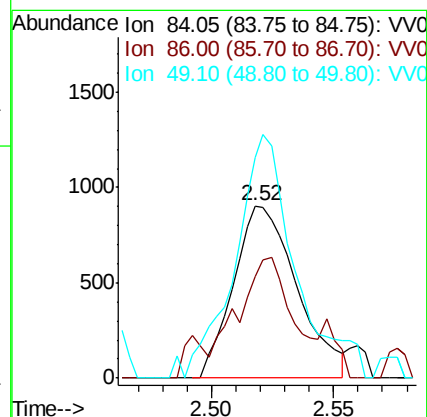
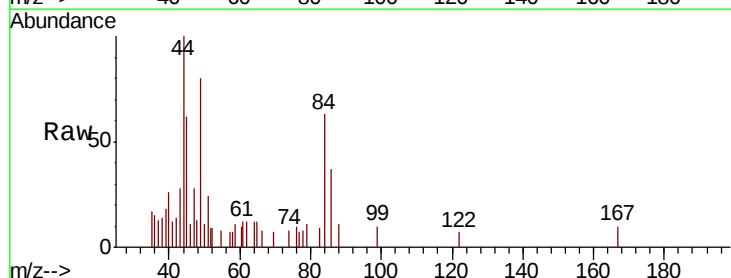
Tgt Ion: 84 Resp: 1633

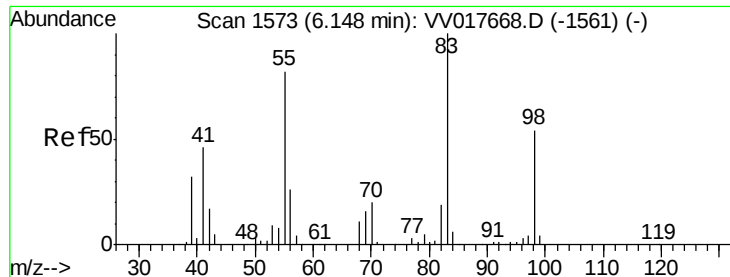
Ion Ratio Lower Upper

84 100

86 58.6 46.5 86.3

49 128.2 79.2 147.2

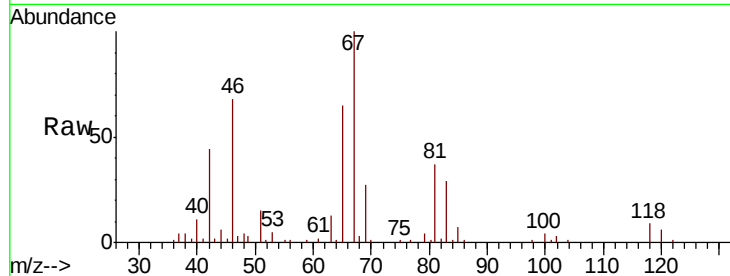




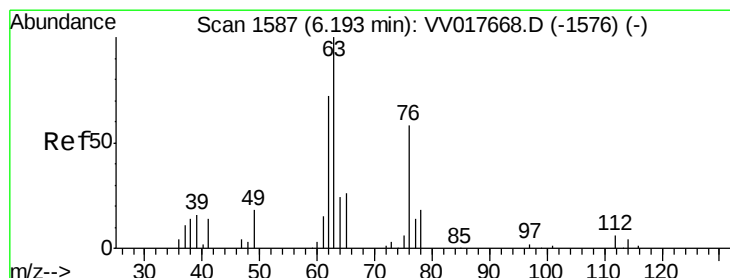
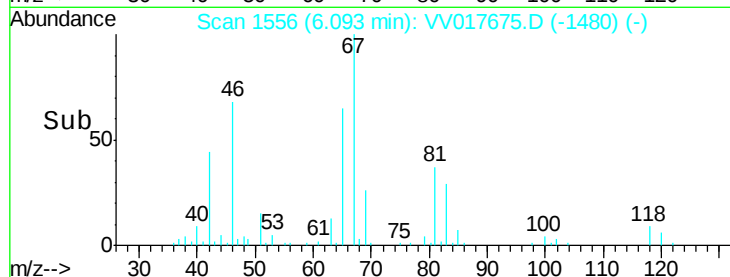
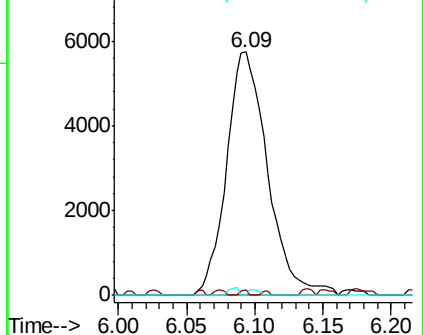
#35
Methvlcvclohexane
Concen: 0.673 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.05 min
Lab File: VV017675.D
Acq: 27 Jul 2020 13:53

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 12027
Ion Ratio Lower Upper
83 100
55 0.4 61.8 92.8#
98 0.7 39.0 58.6#

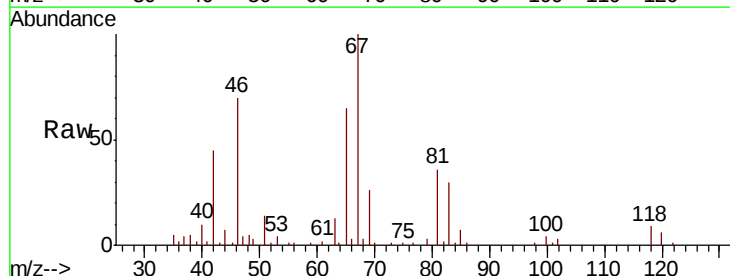


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

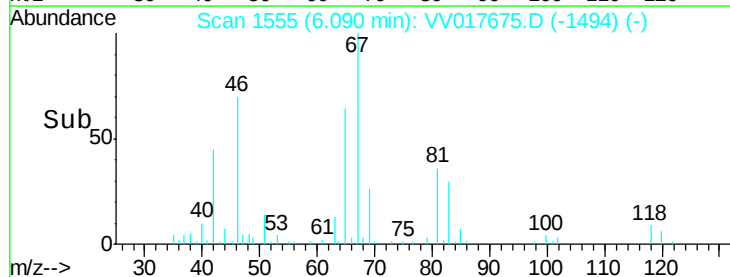
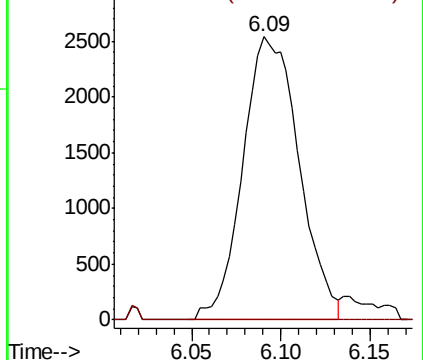


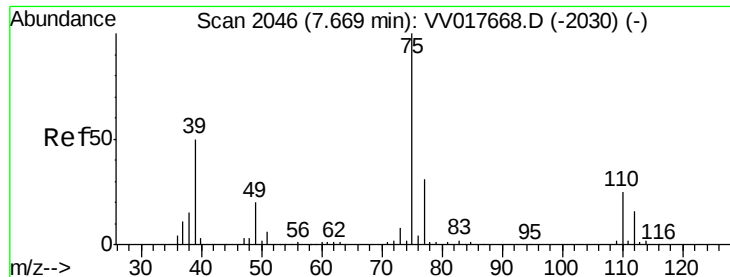
#37
1,2-Dichloropropane
Concen: 0.564 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.10 min
Lab File: VV017675.D
Acq: 27 Jul 2020 13:53

Tgt Ion: 63 Resp: 5600
Ion Ratio Lower Upper
63 100
112 0.8 4.5 6.7#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

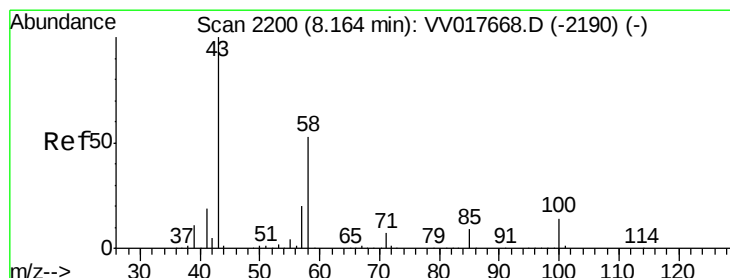
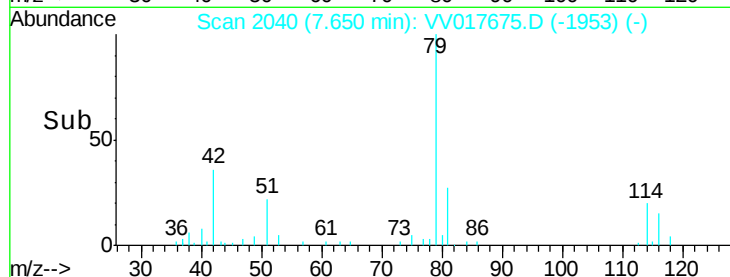
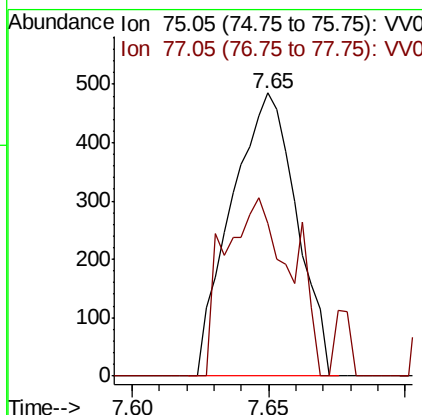
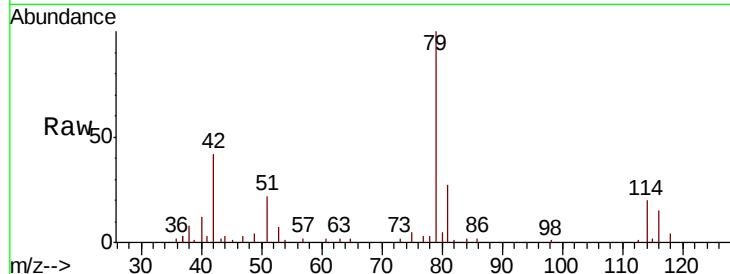




#46
trans-1,3-Dichloropropene
Concen: 0.060 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VV017675.D
Acq: 27 Jul 2020 13:53

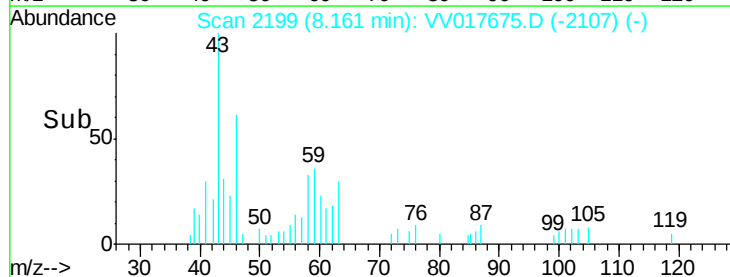
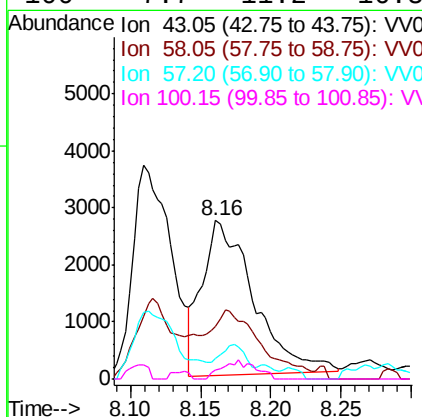
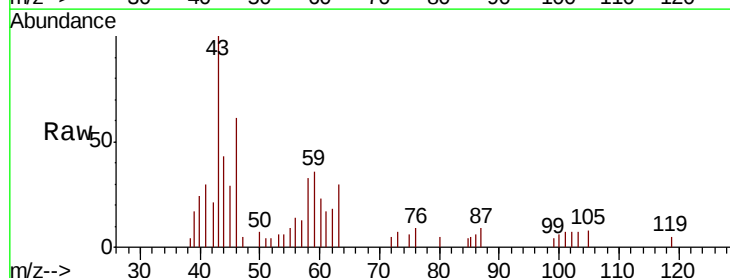
Instrument :
MSVOA_V
ClientSampleId :

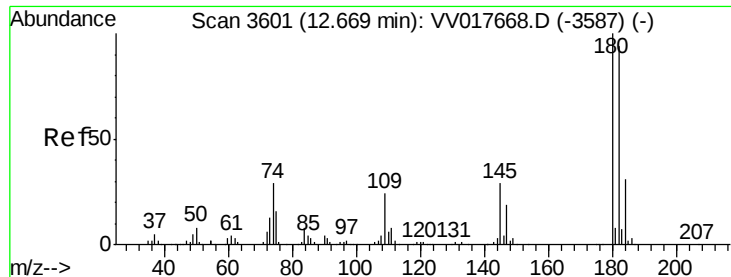
Tot Ion: 75 Resp: 801
Ion Ratio Lower Upper
75 100
77 54.0 22.5 41.7#



#50
2-Hexanone
Concen: 1.807 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. -0.00 min
Lab File: VV017675.D
Acq: 27 Jul 2020 13:53

Tgt Ion: 43 Resp: 6964
Ion Ratio Lower Upper
43 100
58 43.3 41.6 62.4
57 12.6 15.4 23.0#
100 7.7 11.2 16.8#

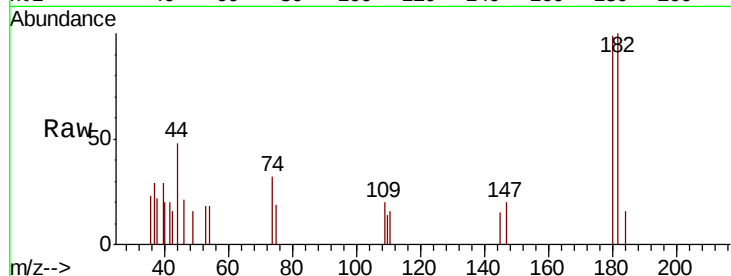




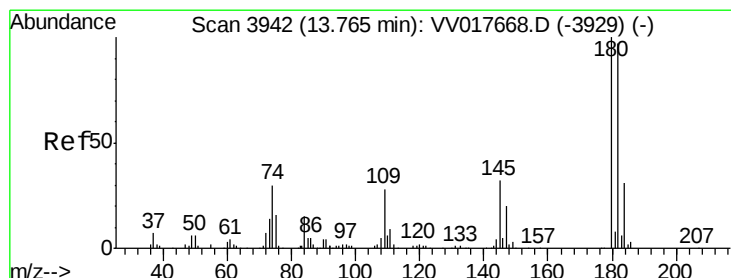
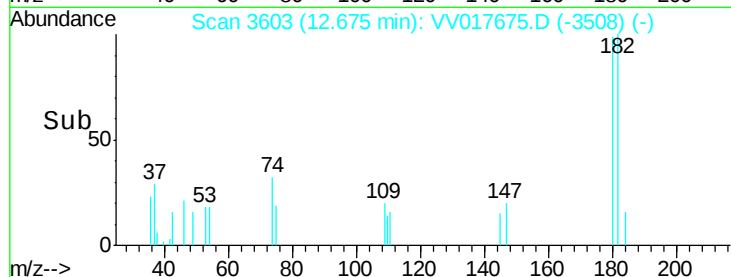
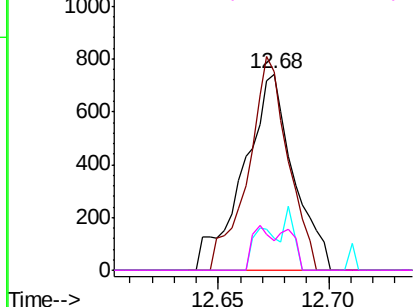
#68
 1,3,5-Trichlorobenzene
 Concen: 0.062 ug/L
 RT: 12.68 min Scan# 3603
 Delta R.T. 0.01 min
 Lab File: VV017675.D
 Acq: 27 Jul 2020 13:53

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 1165
 Ion Ratio Lower Upper
 180 100
 182 86.7 77.1 115.7
 184 11.2 25.2 37.8#
 145 9.3 24.1 36.1#

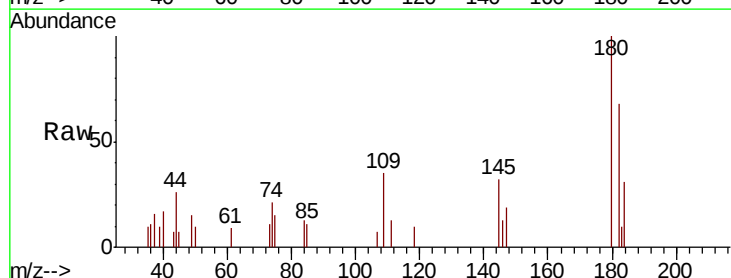


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#71
 1,2,3-Trichlorobenzene
 Concen: 0.158 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.01 min
 Lab File: VV017675.D
 Acq: 27 Jul 2020 13:53

Tgt Ion:180 Resp: 2208
 Ion Ratio Lower Upper
 180 100
 182 82.6 74.2 111.4
 145 32.5 26.0 39.0



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

