

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016341.D
 Acq On : 30 May 2020 03:58
 Operator : SY/MD
 Sample : L2794-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 30 05:29:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 03:05:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	76456	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	69403	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	25407	5.00	ug/L	0.00

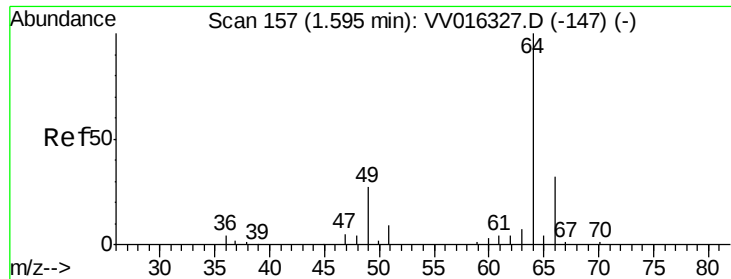
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21668	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	17765	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.12	63	32362	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.99	46	50485	41.45	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.90%
24) Chloroform-d	4.38	84	45578	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.06	65	25370	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.07	84	89633	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.10	67	27381	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.34	98	77227	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
45) trans-1,3-Dichloropropene-	7.65	79	8195	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
48) 2-Hexanone-d5	8.12	63	43130	47.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.86%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	16709	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	20786	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.58	64	1693	0.453	ug/L #	54
17) Methyl tert-butyl Ether	2.79	73	3904	0.352	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	481	0.082	ug/L	95
25) Chloroform	4.41	83	6187	0.624	ug/L	93
27) 1,2-Dichloroethane	5.06	62	614	0.095	ug/L #	79
34) Trichloroethene	5.95	95	1046	0.201	ug/L	95
35) Methylcyclohexane	6.10	83	6558	0.747	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3141	0.641	ug/L #	88
39) cis-1,3-Dichloropropene	7.02	75	708	0.102	ug/L #	77
46) trans-1,3-Dichloropropene	7.64	75	337	0.058	ug/L #	44
70) Naphthalene	13.53	128	4556	0.433	ug/L #	95

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



#8

Chloroethane

Concen: 0.453 ug/L

RT: 1.58 min Scan# 151

Delta R.T. -0.02 min

Lab File: VV016341.D

Acq: 30 May 2020 03:58

Instrument :

MSVOA_V

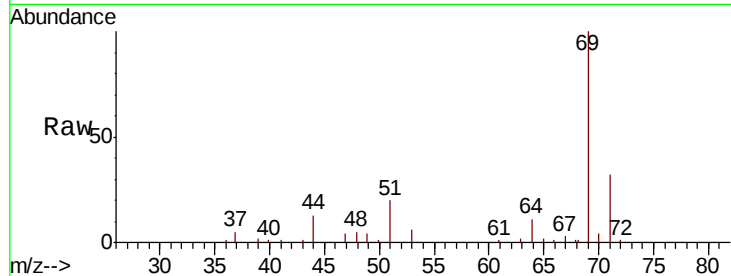
ClientSampleId :

Tot Ion: 64 Resp: 1693

Ion Ratio Lower Upper

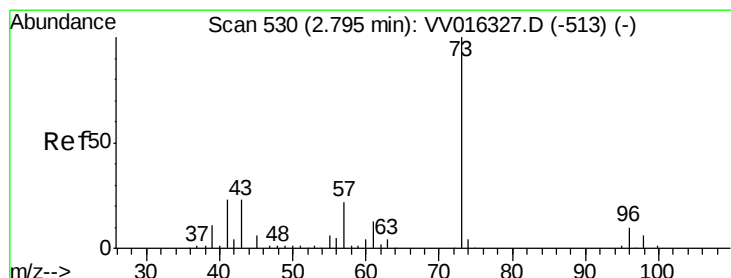
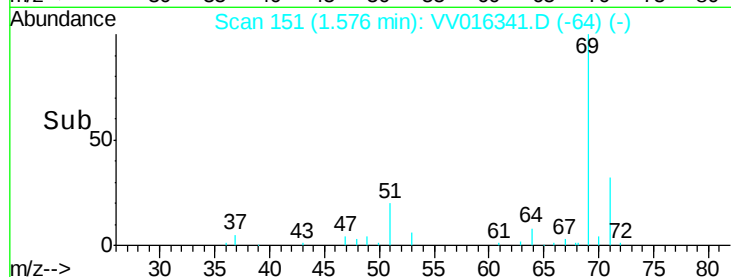
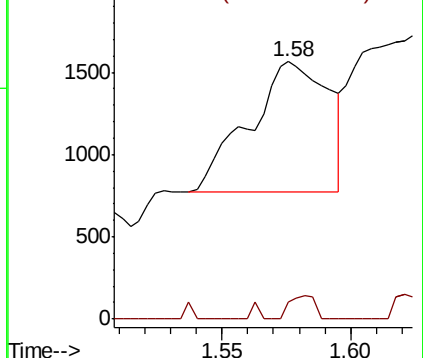
64 100

66 6.6 22.9 42.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#17

Methyl tert-butyl Ether

Concen: 0.352 ug/L

RT: 2.79 min Scan# 530

Delta R.T. -0.00 min

Lab File: VV016341.D

Acq: 30 May 2020 03:58

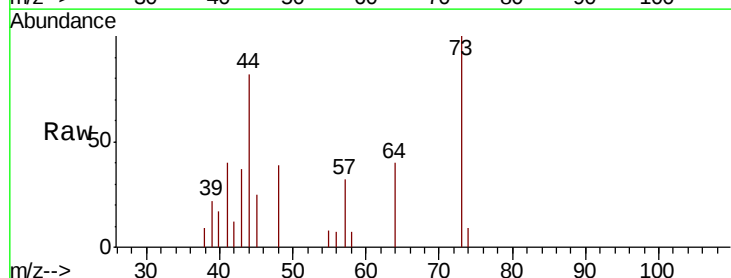
Tgt Ion: 73 Resp: 3904

Ion Ratio Lower Upper

73 100

43 23.0 17.8 26.8

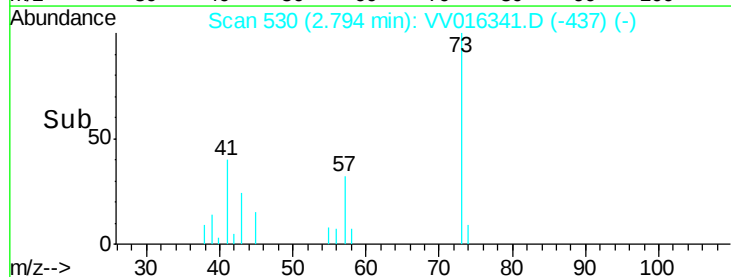
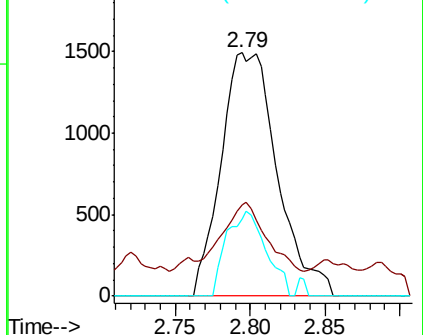
57 24.7 18.9 28.3

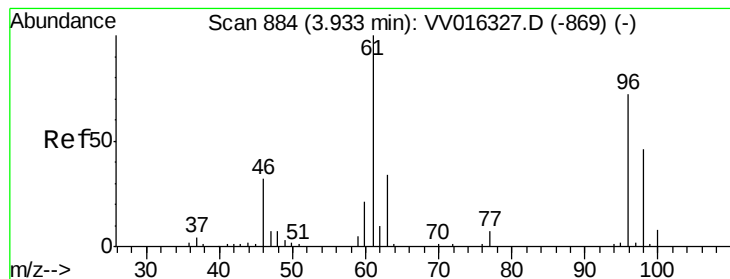


Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0



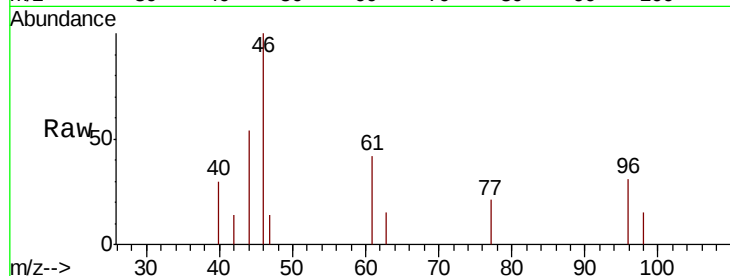


#22

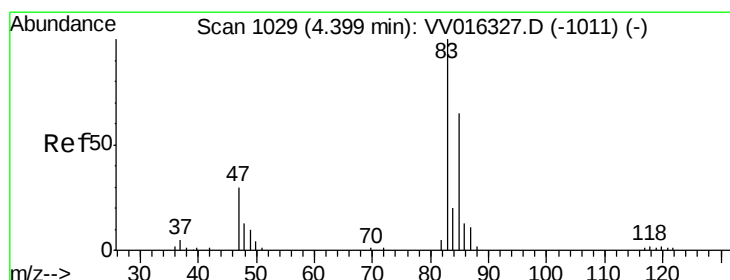
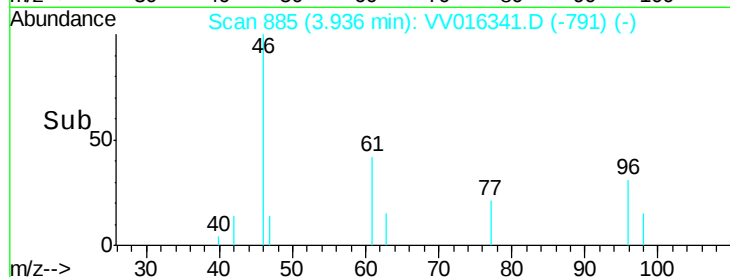
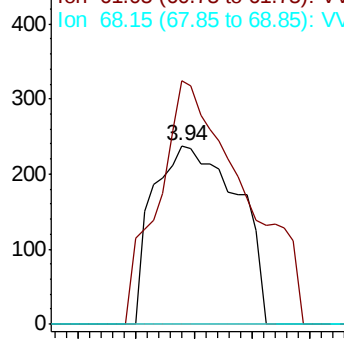
cis-1,2-Dichloroethene
Concen: 0.082 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV016341.D
Acq: 30 May 2020 03:58

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 481
Ion Ratio Lower Upper
96 100
61 136.1 99.7 185.1
68 0.0 0.0 0.0



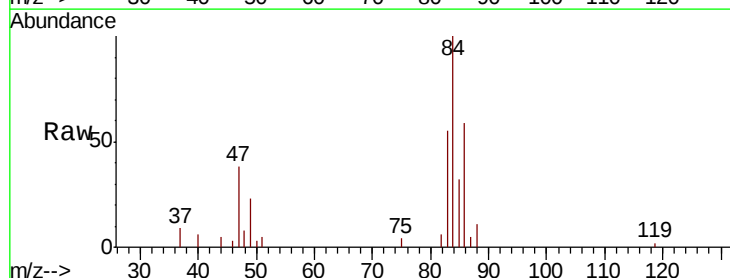
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



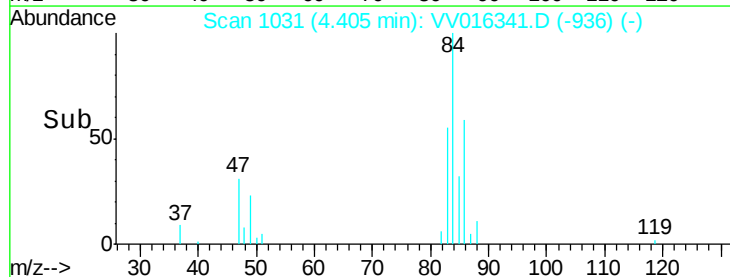
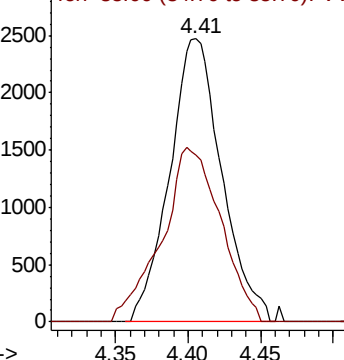
#25

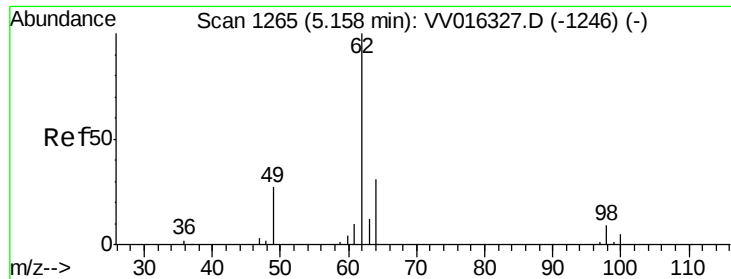
Chloroform
Concen: 0.624 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV016341.D
Acq: 30 May 2020 03:58

Tgt Ion: 83 Resp: 6187
Ion Ratio Lower Upper
83 100
85 59.0 45.1 83.7



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

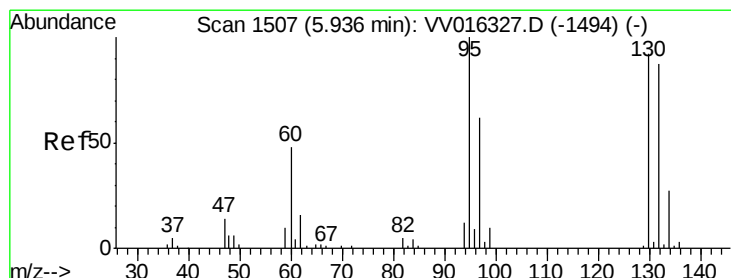
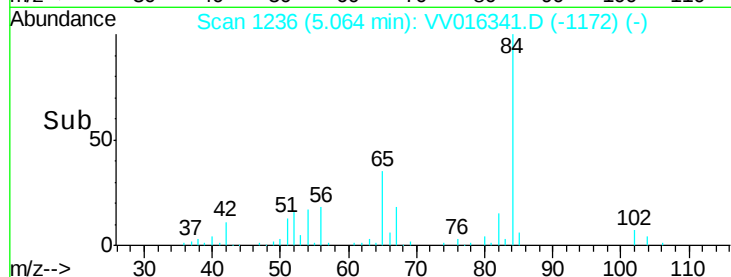
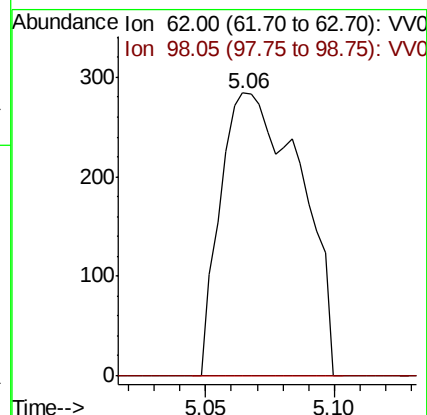
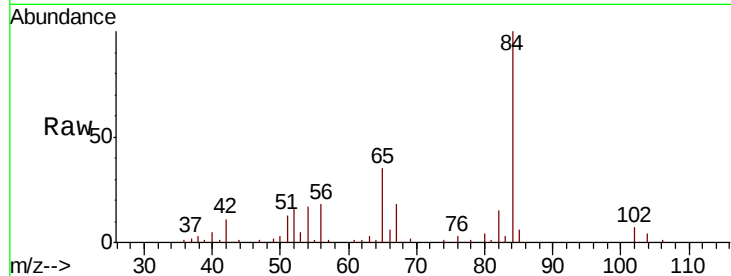




#27
 1,2-Dichloroethane
 Concen: 0.095 ug/L
 RT: 5.06 min Scan# 1236
 Delta R.T. -0.09 min
 Lab File: VV016341.D
 Acq: 30 May 2020 03:58

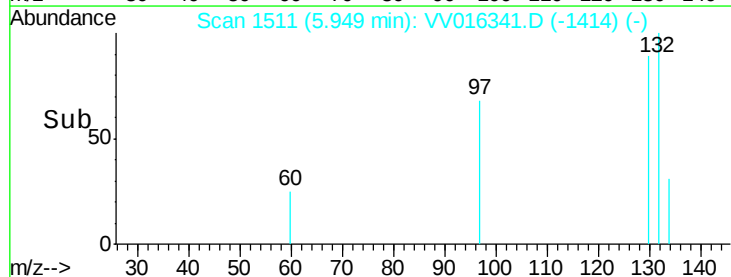
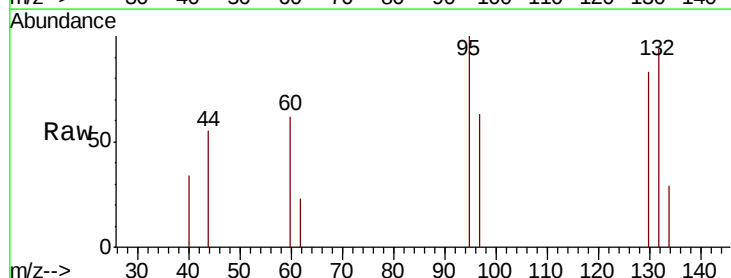
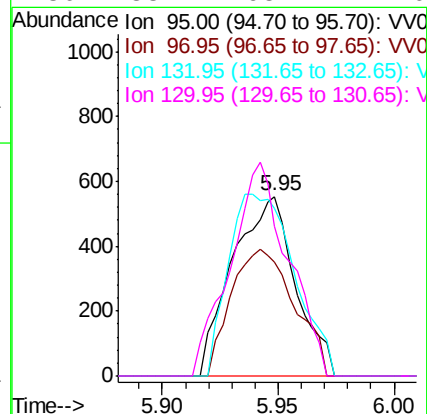
Instrument :
 MSVOA_V
 ClientSampleId :

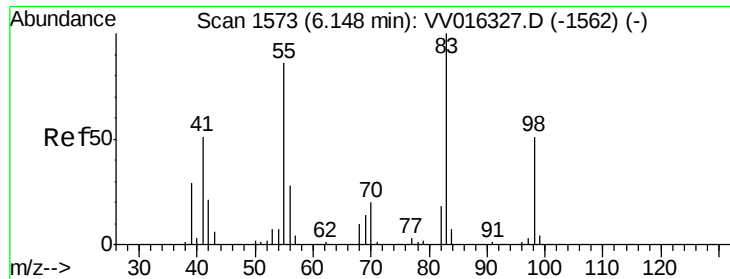
Tot Ion: 62 Resp: 614
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#34
 Trichloroethene
 Concen: 0.201 ug/L
 RT: 5.95 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VV016341.D
 Acq: 30 May 2020 03:58

Tgt Ion: 95 Resp: 1046
 Ion Ratio Lower Upper
 95 100
 97 63.2 43.6 81.0
 132 93.5 63.9 118.7
 130 83.2 65.2 121.0

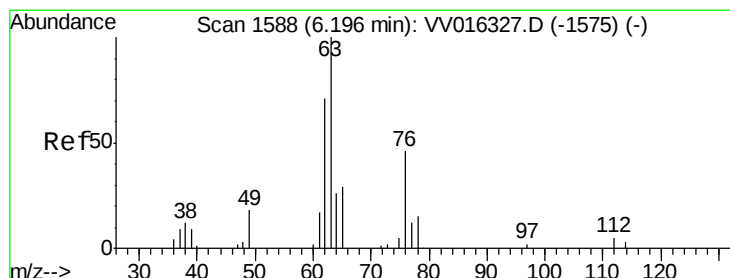
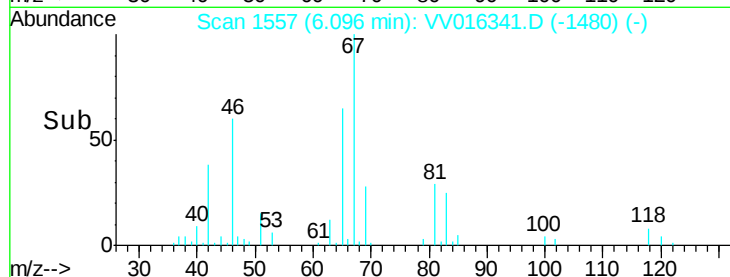
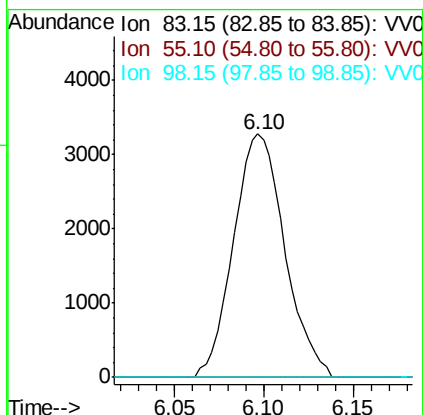
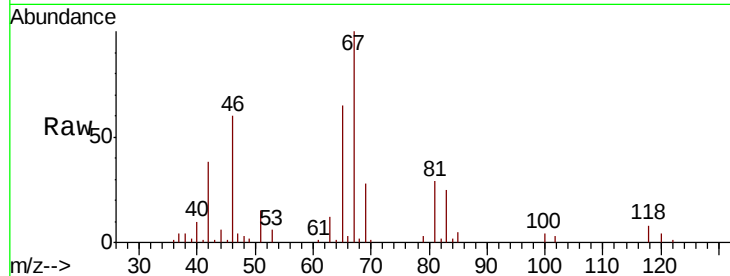




#35
Methvlcvclohexane
Concen: 0.747 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016341.D
Acq: 30 May 2020 03:58

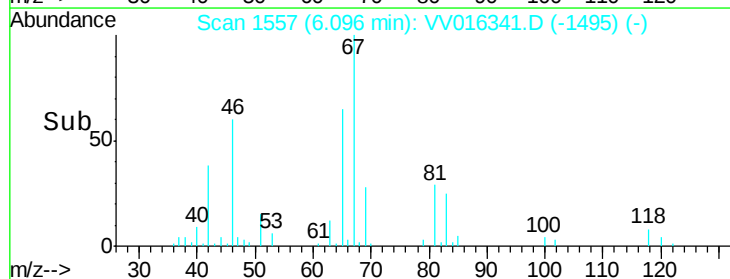
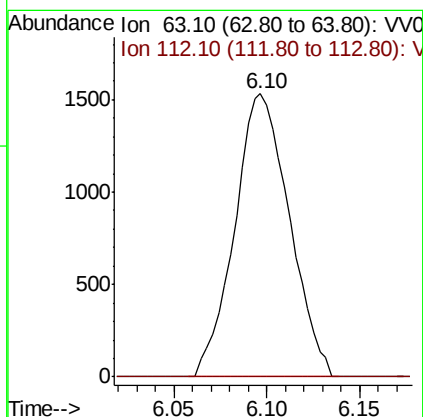
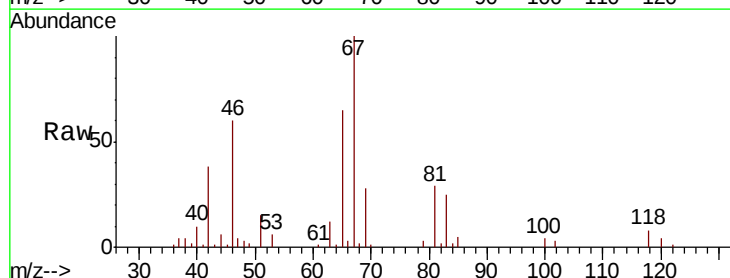
Instrument :
MSVOA_V
ClientSampleId :

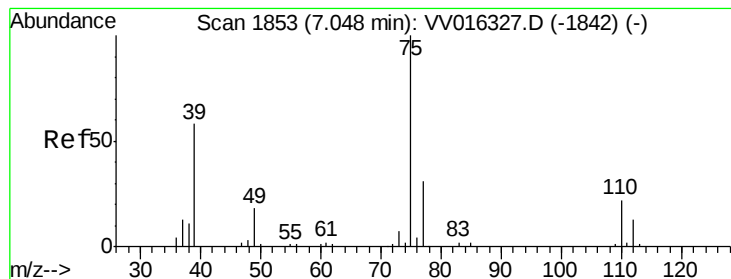
Tot Ion: 83 Resp: 6558
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 0.0 39.3 58.9#



#37
1,2-Dichloropropane
Concen: 0.641 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016341.D
Acq: 30 May 2020 03:58

Tgt Ion: 63 Resp: 3141
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



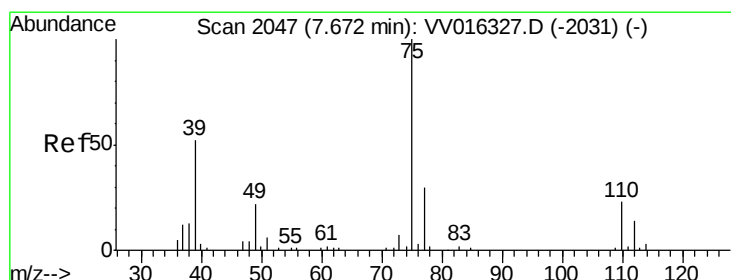
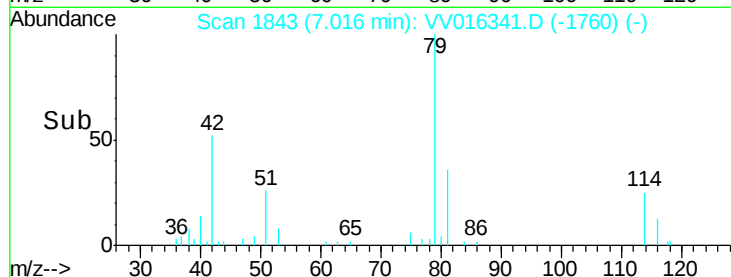
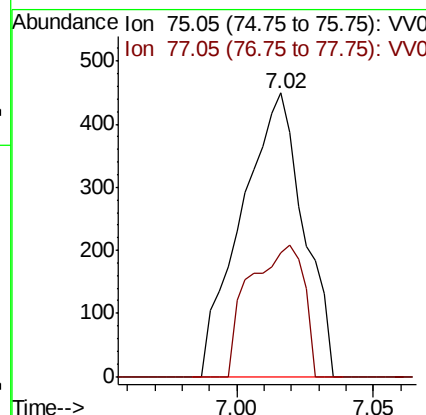
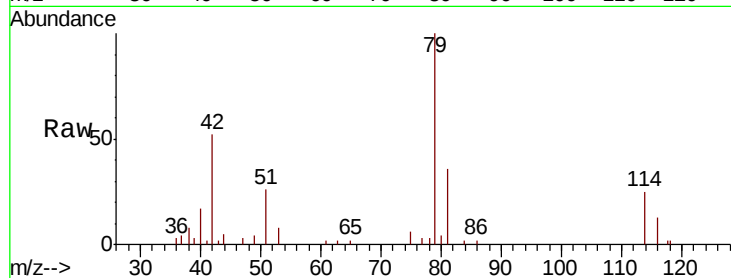


#39

cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.02 min Scan# 1843
 Delta R.T. -0.03 min
 Lab File: VV016341.D
 Acq: 30 May 2020 03:58

Instrument :
 MSVOA_V
 ClientSampleId :

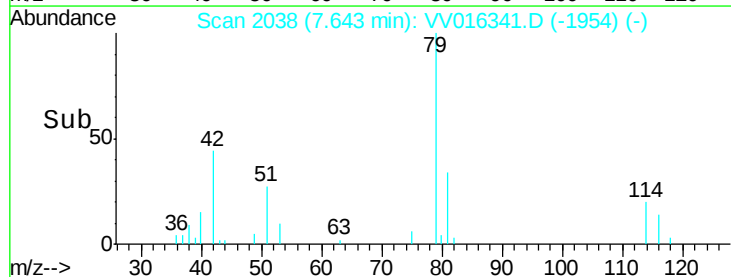
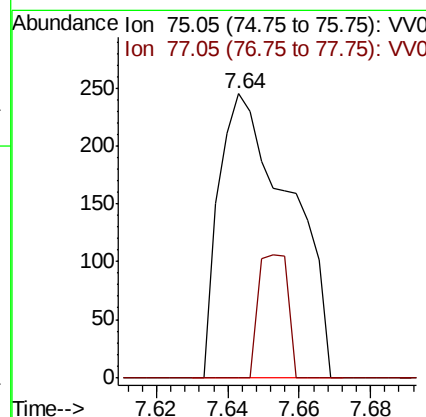
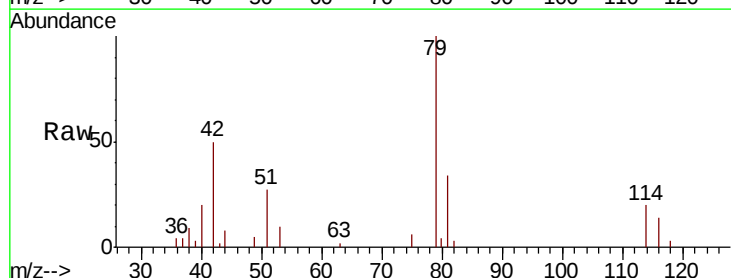
Tot Ion: 75 Resp: 708
 Ion Ratio Lower Upper
 75 100
 77 43.7 21.7 40.3#

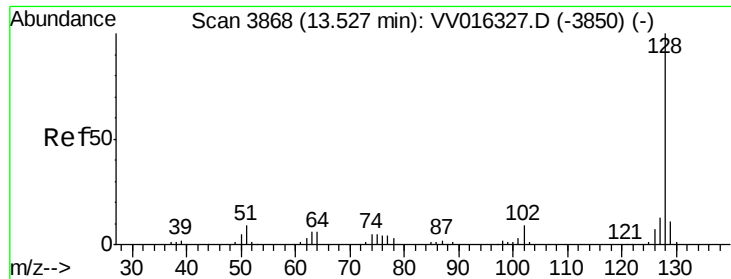


#46

trans-1,3-Dichloropropene
 Concen: 0.058 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV016341.D
 Acq: 30 May 2020 03:58

Tgt Ion: 75 Resp: 337
 Ion Ratio Lower Upper
 75 100
 77 0.0 21.7 40.3#





#70

Naphthalene

Concen: 0.433 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. -0.00 min

Lab File: VV016341.D

Acq: 30 May 2020 03:58

Instrument :

MSVOA_V

ClientSampleId :

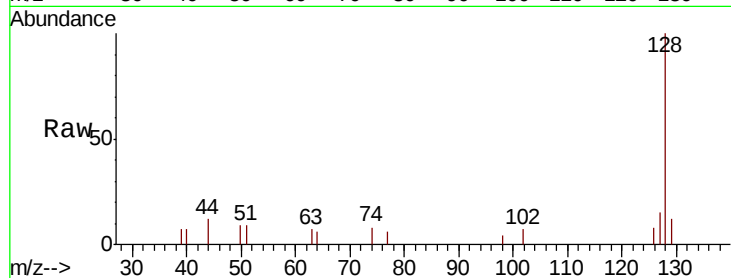
Tot Ion:128 Resp: 4556

Ion Ratio Lower Upper

128 100

129 8.5 8.6 13.0#

127 11.7 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

