

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017099.D
 Acq On : 25 Jun 2020 03:05
 Operator : SY/MD
 Sample : L3102-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L52

Quant Time: Jun 25 05:29:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 05:27:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	176636	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	172378	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79644	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35398	3.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.80%
7) Chloroethane-d5	1.58	69	29732	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.20%
11) 1,1-Dichloroethene-d2	2.13	63	56938	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	3.92	46	107713	39.87	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.74%
24) Chloroform-d	4.38	84	94568	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.06	65	51862	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
32) Benzene-d6	5.08	84	179574	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.10	67	55186	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.40%
41) Toluene-d8	7.34	98	160013	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
45) trans-1,3-Dichloropropene-	7.64	79	20303	3.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.80%
48) 2-Hexanone-d5	8.11	63	76280	35.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.80%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38116	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	64484	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

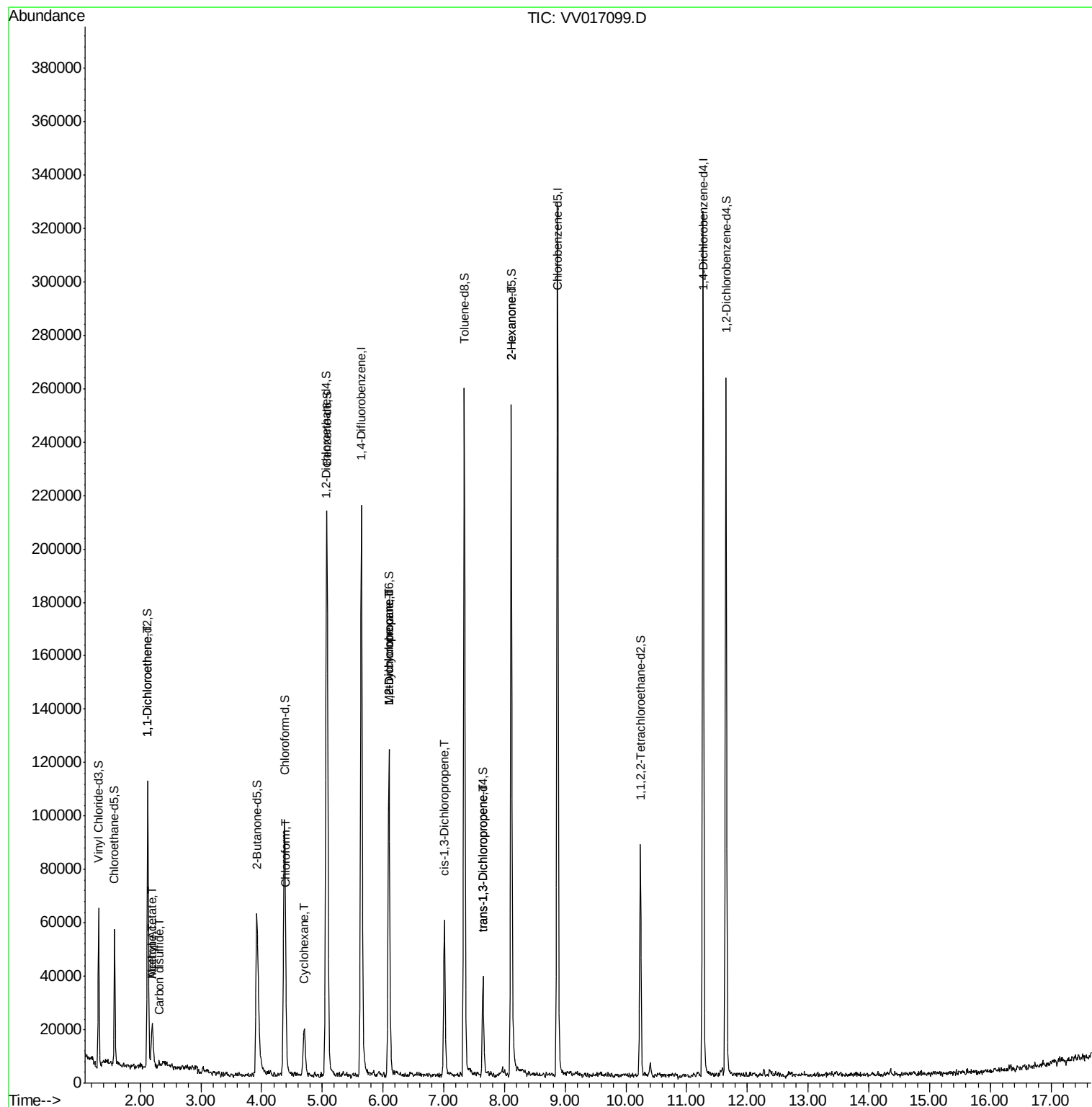
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	729	0.086	ug/L #	1
13) Acetone	2.20	43	25928	18.984	ug/L	99
14) Carbon disulfide	2.31	76	2587	0.102	ug/L #	80
15) Methyl Acetate	2.20	43	23847	7.141	ug/L #	52
25) Chloroform	4.41	83	2524	0.114	ug/L	92
30) Cyclohexane	4.70	56	9004	0.458	ug/L #	91
35) Methylcyclohexane	6.09	83	13859	0.674	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7196	0.644	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1508	0.091	ug/L	85
46) trans-1,3-Dichloropropene	7.65	75	1286	0.090	ug/L #	63
50) 2-Hexanone	8.11	43	10625	2.314	ug/L #	74

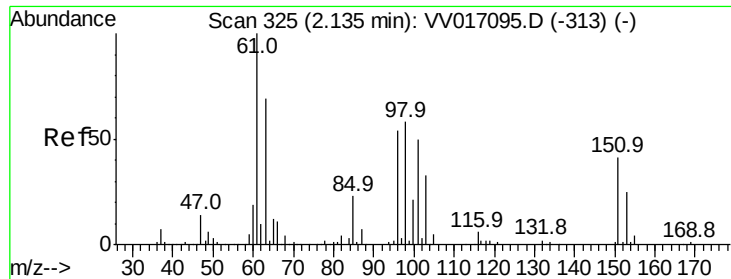
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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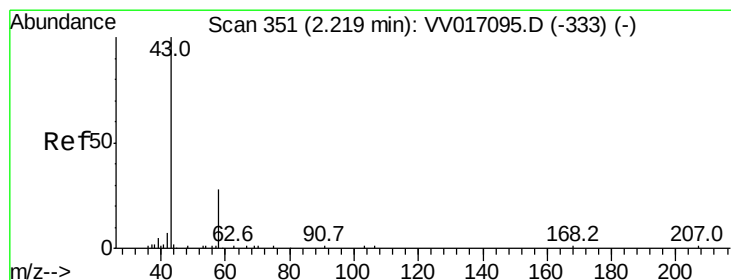
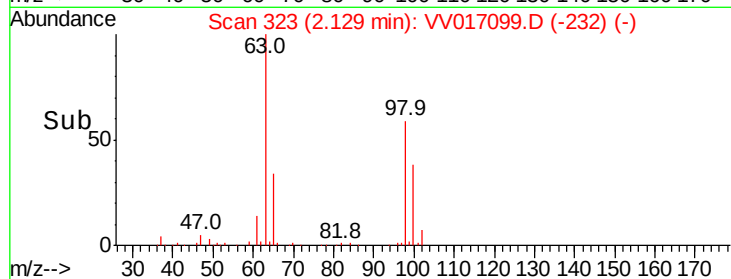
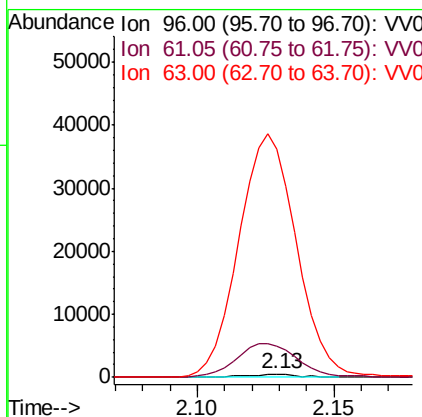
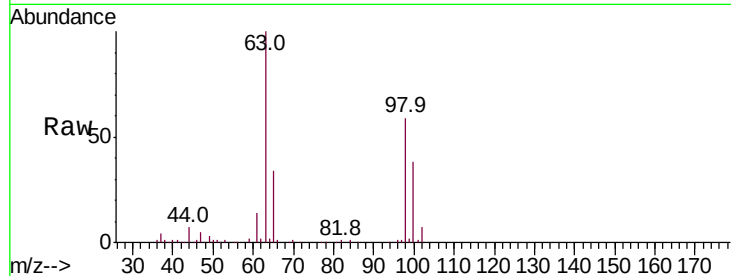




#12
 1,1-Dichloroethene
 Concen: 0.086 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV017099.D
 Acq: 25 Jun 2020 03:05

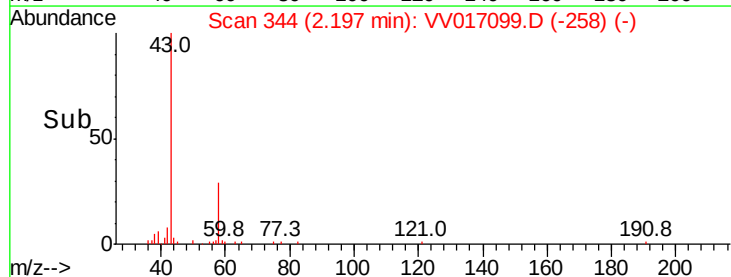
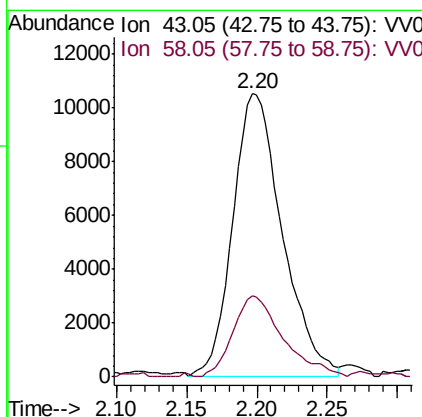
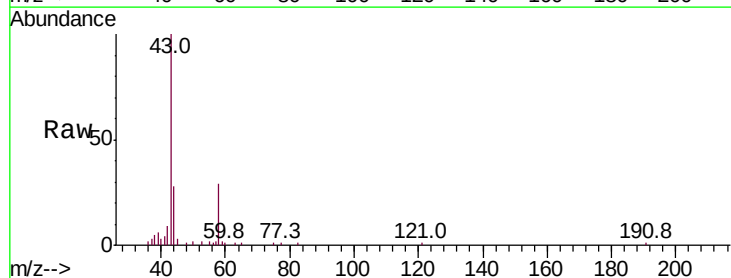
Instrument :
 MSVOA_V
 ClientSampled :
 F9L52

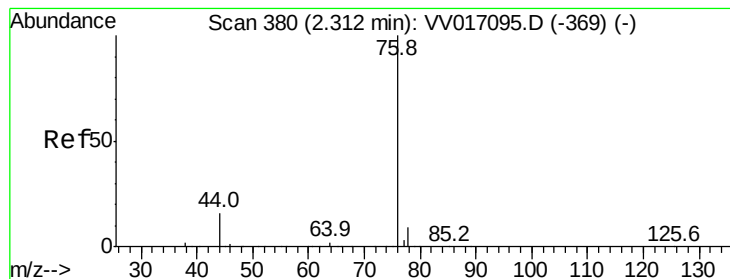
Tot Ion: 96 Resp: 729
 Ion Ratio Lower Upper
 96 100
 61 949.0 125.0 232.2#
 63 6856.7 109.8 203.8#



#13
 Acetone
 Concen: 18.984 ug/L
 RT: 2.20 min Scan# 344
 Delta R.T. -0.02 min
 Lab File: VV017099.D
 Acq: 25 Jun 2020 03:05

Tgt Ion: 43 Resp: 25928
 Ion Ratio Lower Upper
 43 100
 58 28.9 0.0 58.4





#14

Carbon disulfide

Concen: 0.102 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV017099.D

Acq: 25 Jun 2020 03:05

Instrument :

MSVOA_V

ClientSampleId :

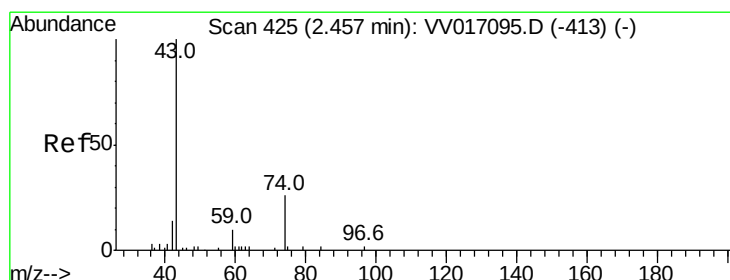
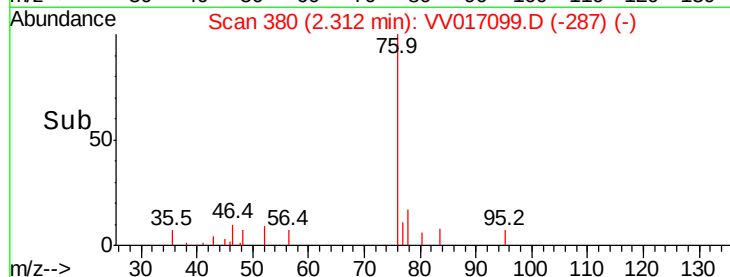
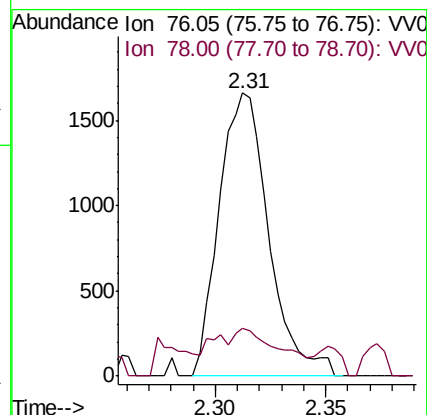
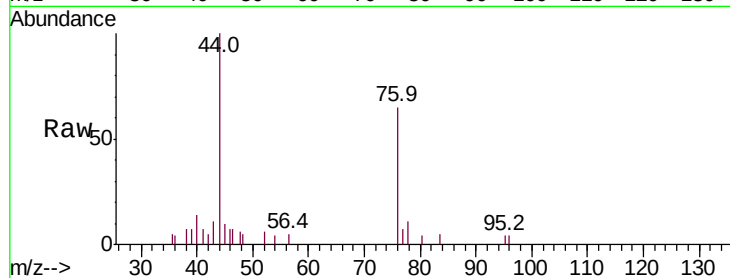
F9L52

Tot Ion: 76 Resp: 2587

Ion Ratio Lower Upper

76 100

78 16.9 7.7 11.5#



#15

Methyl Acetate

Concen: 7.141 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.26 min

Lab File: VV017099.D

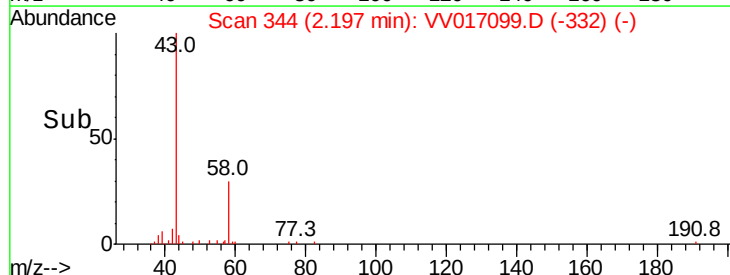
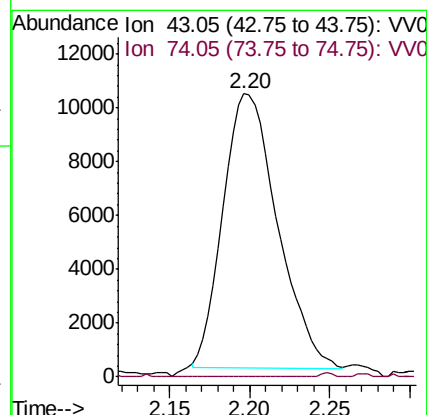
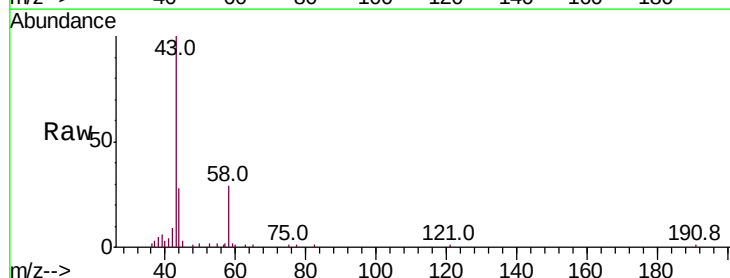
Acq: 25 Jun 2020 03:05

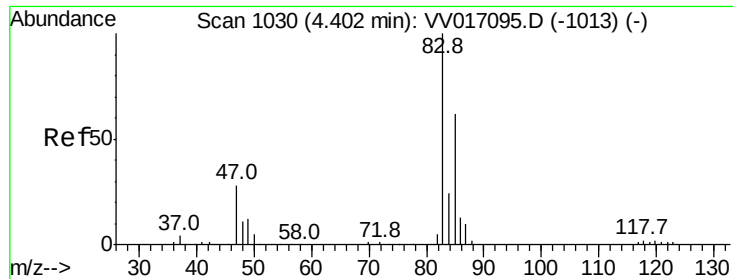
Tgt Ion: 43 Resp: 23847

Ion Ratio Lower Upper

43 100

74 0.3 19.1 28.7#

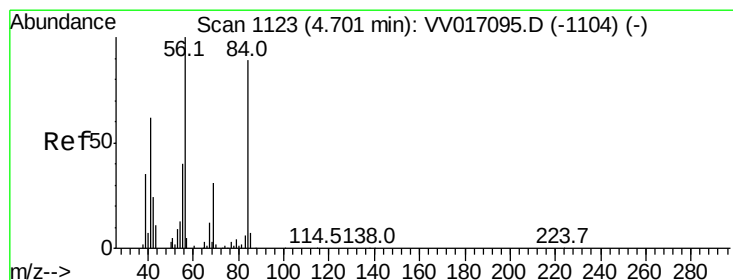
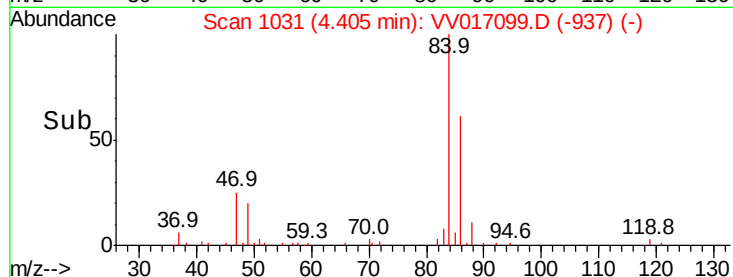
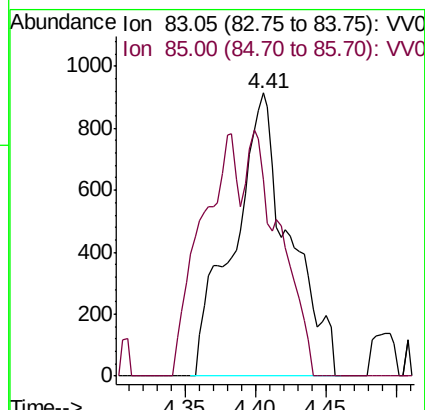
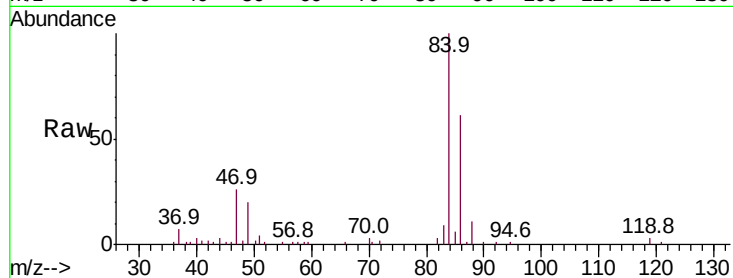




#25
Chloroform
Concen: 0.114 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV017099.D
Acq: 25 Jun 2020 03:05

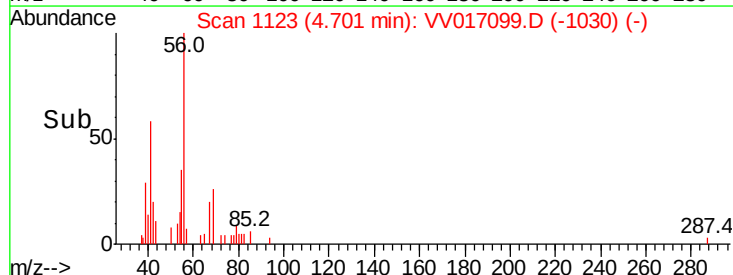
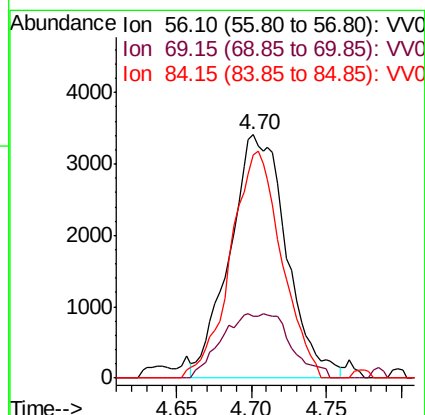
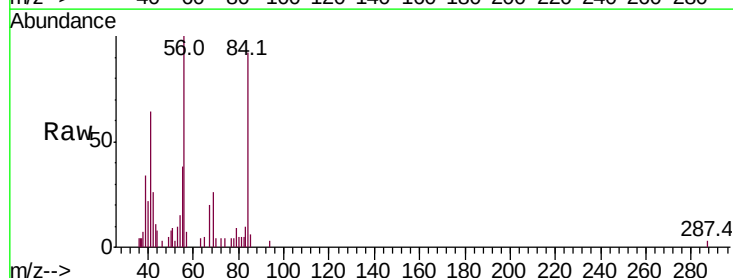
Instrument :
MSVOA_V
ClientSampled :
F9L52

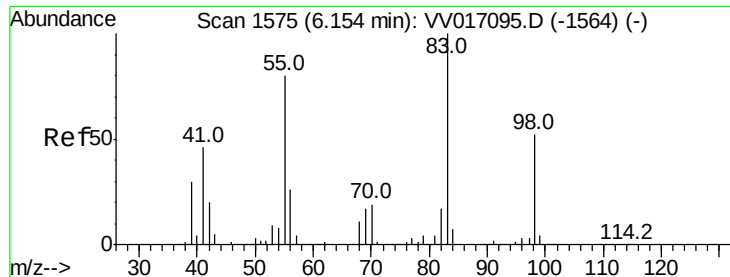
Tot Ion: 83 Resp: 2524
Ion Ratio Lower Upper
83 100
85 69.2 44.2 82.2



#30
Cyclohexane
Concen: 0.458 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VV017099.D
Acq: 25 Jun 2020 03:05

Tgt Ion: 56 Resp: 9004
Ion Ratio Lower Upper
56 100
69 17.6 24.4 36.6#
84 83.6 69.9 104.9





#35

Methylcyclohexane

Concen: 0.674 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV017099.D

Acq: 25 Jun 2020 03:05

Instrument :

MSVOA_V

ClientSampleId :

F9L52

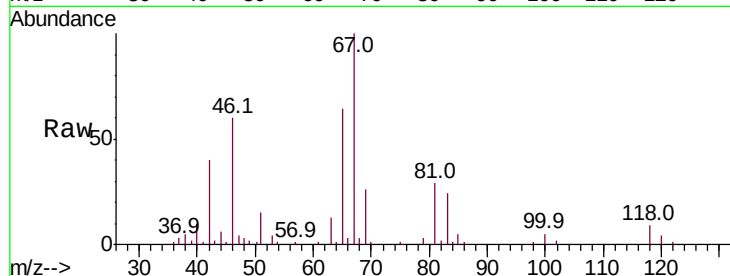
Tot Ion: 83 Resp: 13859

Ion Ratio Lower Upper

83 100

55 1.0 63.6 95.4#

98 1.5 38.8 58.2#



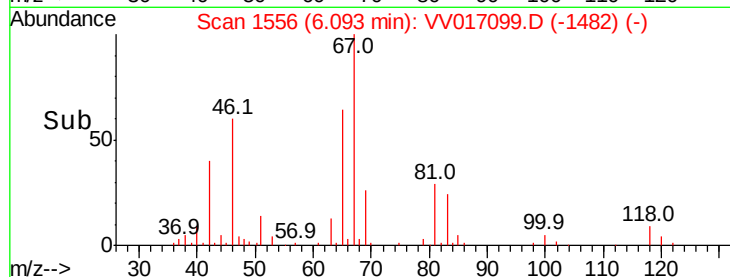
Abundance Ion 83.15 (82.85 to 83.85): VV017099.D (-1564) (-)

Ion 55.10 (54.80 to 55.80): VV017099.D (-1564) (-)

Ion 98.15 (97.85 to 98.85): VV017099.D (-1564) (-)

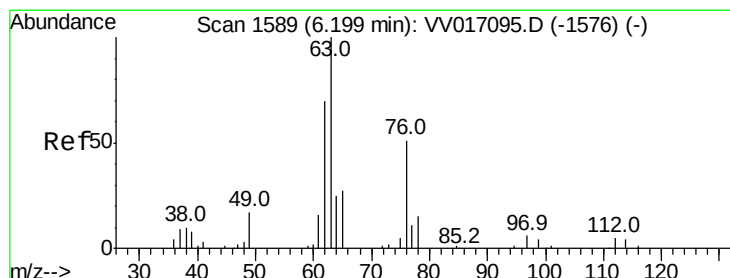
6.09

Time-->



6.09

Time-->



#37

1,2-Dichloropropane

Concen: 0.644 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV017099.D

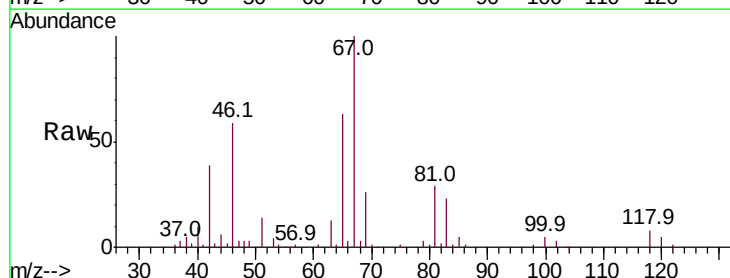
Acq: 25 Jun 2020 03:05

Tgt Ion: 63 Resp: 7196

Ion Ratio Lower Upper

63 100

112 0.9 4.4 6.6#

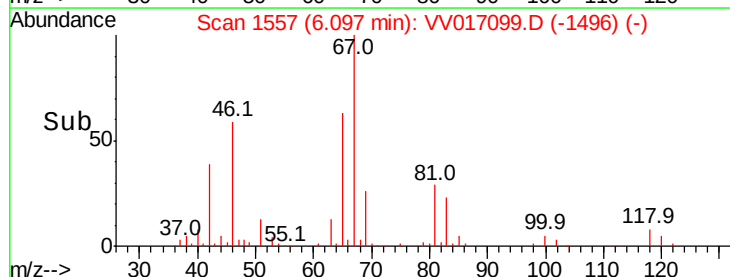


Abundance Ion 63.10 (62.80 to 63.80): VV017099.D (-1576) (-)

Ion 112.10 (111.80 to 112.80): VV017099.D (-1576) (-)

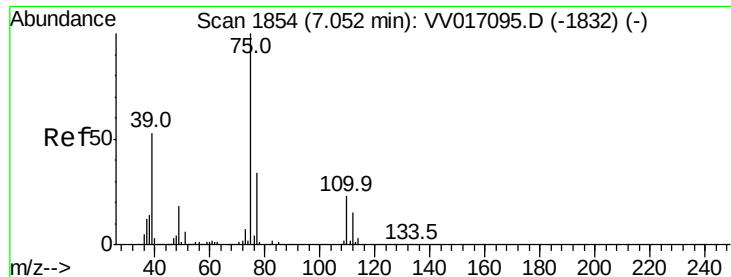
6.10

Time-->



6.10

Time-->

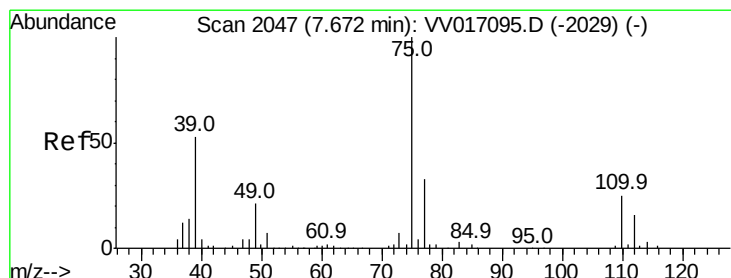
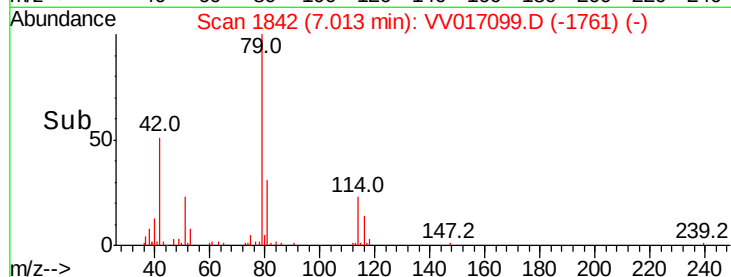
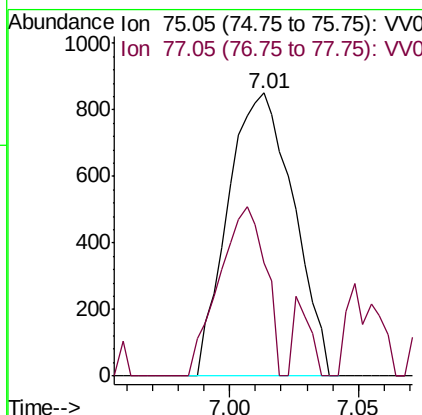
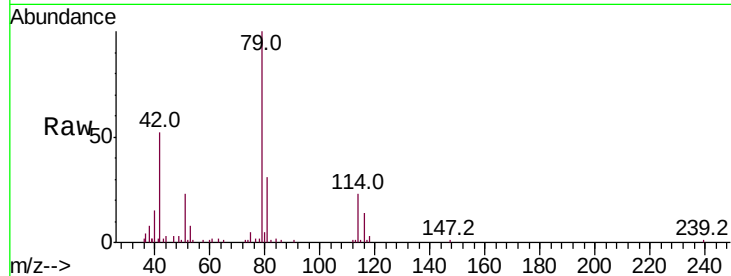


#39

cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV017099.D
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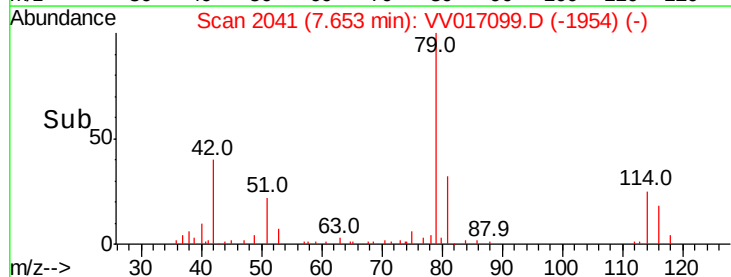
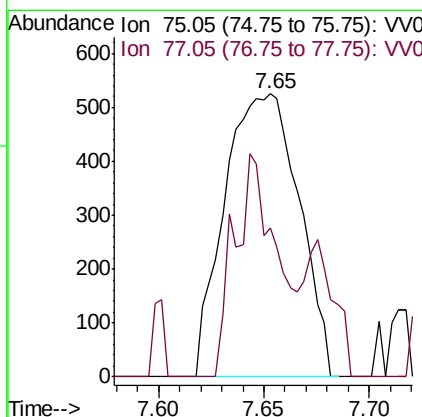
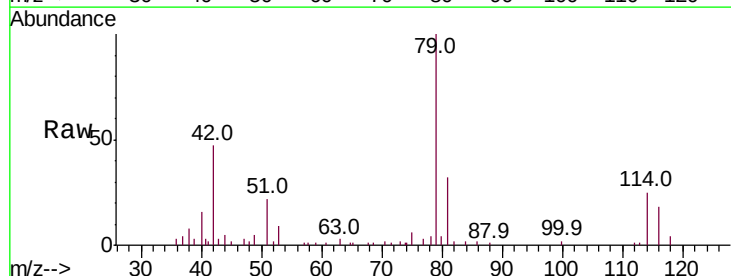
Tot Ion: 75 Resp: 1508
 Ion Ratio Lower Upper
 75 100
 77 40.1 22.3 41.5

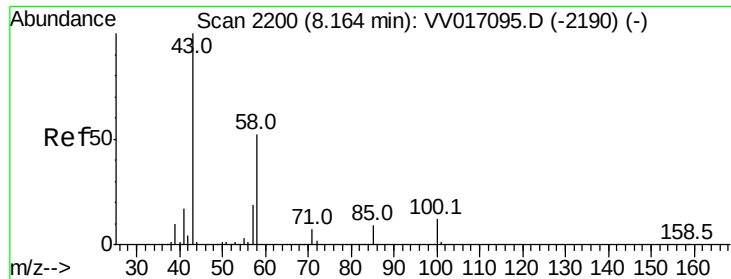


#46

trans-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.65 min Scan# 2041
 Delta R.T. -0.02 min
 Lab File: VV017099.D
 Acq: 25 Jun 2020 03:05

Tgt Ion: 75 Resp: 1286
 Ion Ratio Lower Upper
 75 100
 77 52.6 22.3 41.3#





#50
 2-Hexanone
 Concen: 2.314 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV017099.D
 Acq: 25 Jun 2020 03:05

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L52

Tot Ion:	43	Resp:	10625
Ion	Ratio	Lower	Upper
43	100		
58	35.1	41.6	62.4#
57	33.6	15.4	23.0#
100	3.5	10.1	15.1#

