

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017399.D
 Acq On : 09 Jul 2020 15:39
 Operator : SY/MD
 Sample : L3254-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A47

Quant Time: Jul 10 04:02:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 04:00:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	264362	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	252026	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124301	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58554	42.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.10%
7) Chloroethane-d5	1.58	69	44313	45.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.68%
11) 1,1-Dichloroethene-d2	2.12	63	100785	32.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.68%
21) 2-Butanone-d5	3.91	46	91871	97.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.73%
24) Chloroform-d	4.38	84	141232	44.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.74%
26) 1,2-Dichloroethane-d4	5.06	65	102758	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
32) Benzene-d6	5.08	84	251430	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
36) 1,2-Dichloropropane-d6	6.09	67	73796	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.14%
41) Toluene-d8	7.34	98	235039	44.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.82%
43) trans-1,3-Dichloropropene-	7.64	79	41283	45.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.48%
47) 2-Hexanone-d5	8.11	63	59881	93.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.07%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	99699	45.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	102594	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%

Target Compounds

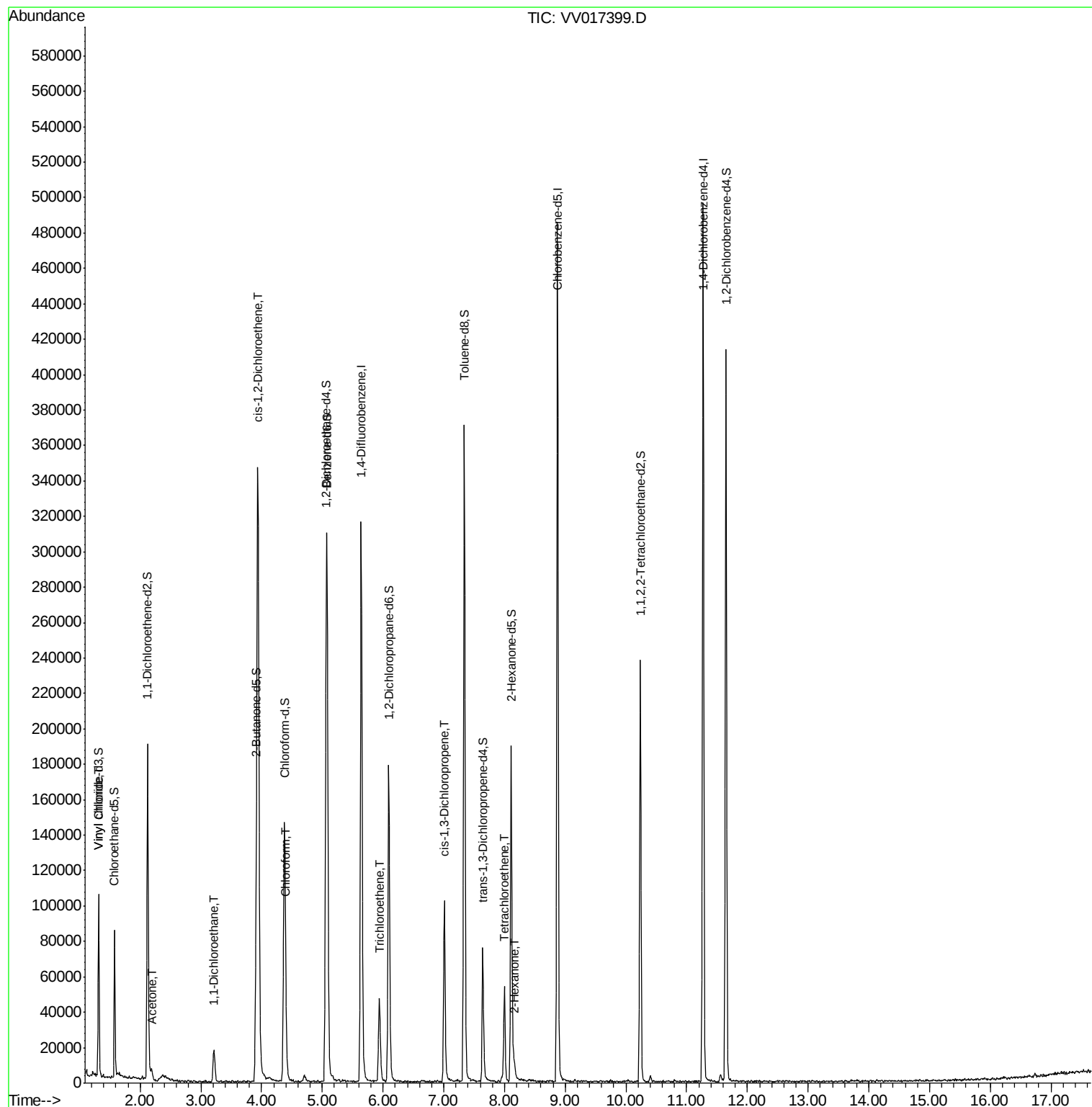
					Ovalue
5) Vinyl chloride	1.32	62	2075	1.027 ug/L #	32
13) Acetone	2.19	43	8004	6.255 ug/L	96
19) 1,1-Dichloroethane	3.21	63	17577	5.536 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	183280	99.064 ug/L	96
25) Chloroform	4.41	83	4602	1.291 ug/L	92
34) Trichloroethene	5.94	95	13846	7.000 ug/L	95
39) cis-1,3-Dichloropropene	7.00	75	3310	1.192 ug/L #	79
46) Tetrachloroethene	8.00	164	12666	7.626 ug/L	94
48) 2-Hexanone	8.16	43	4619	2.532 ug/L #	76

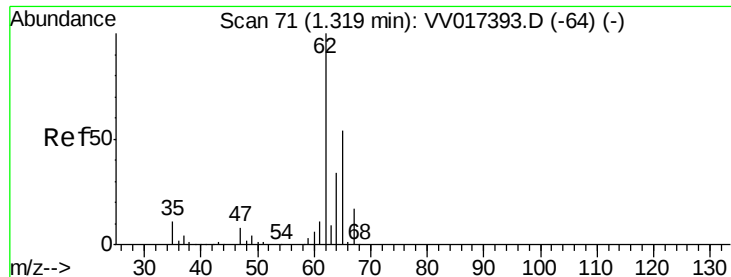
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.027 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017399.D

Acq: 09 Jul 2020 15:39

Instrument :

MSVOA_V

ClientSampleId :

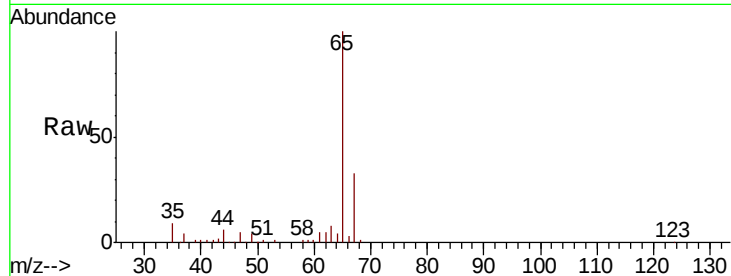
F4A47

Tot Ion: 62 Resp: 2075

Ion Ratio Lower Upper

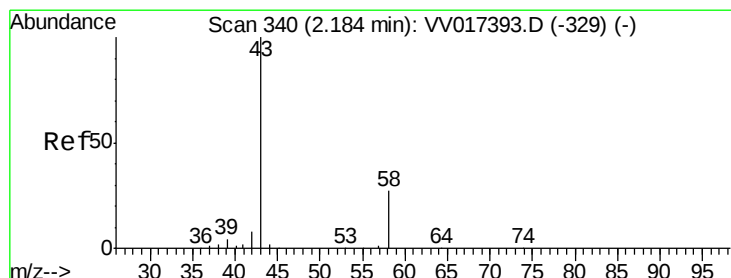
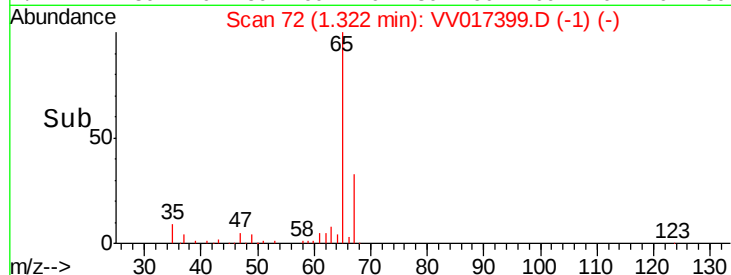
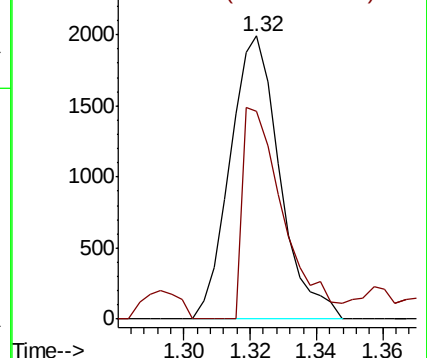
62 100

64 73.4 24.1 44.7#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#13

Acetone

Concen: 6.255 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV017399.D

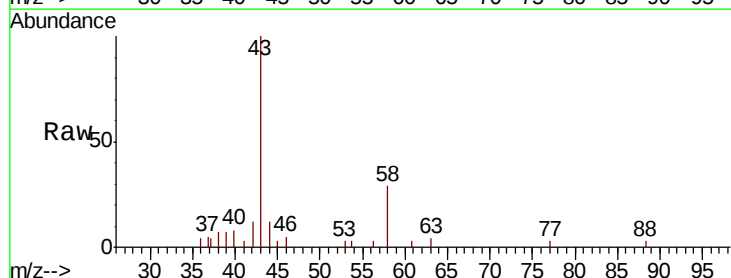
Acq: 09 Jul 2020 15:39

Tgt Ion: 43 Resp: 8004

Ion Ratio Lower Upper

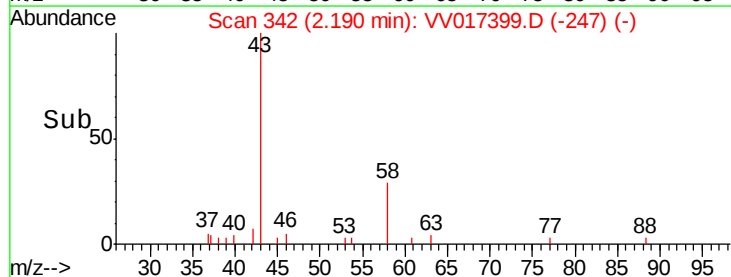
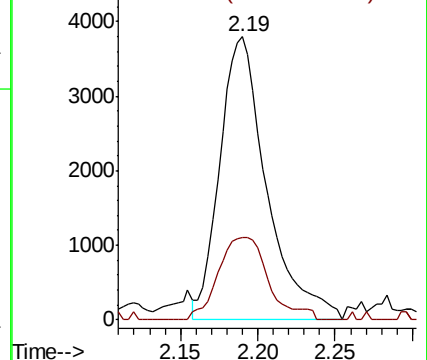
43 100

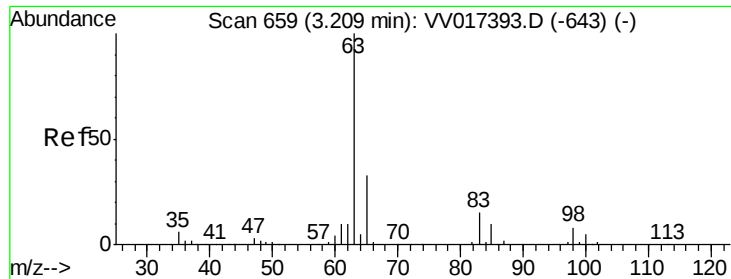
58 30.1 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

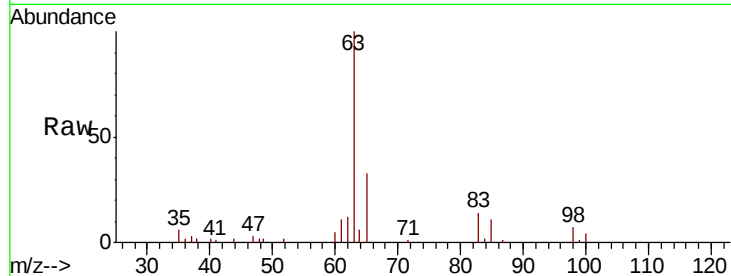




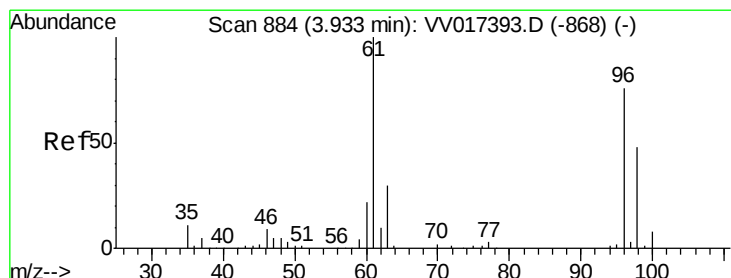
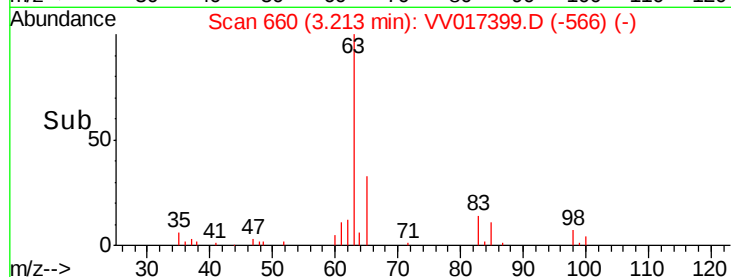
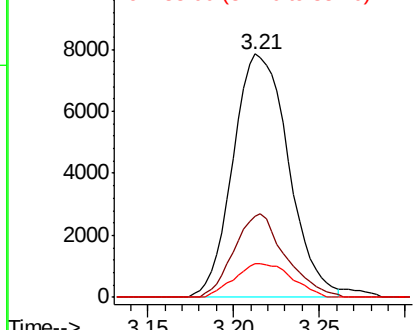
#19
 1,1-Dichloroethane
 Concen: 5.536 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VV017399.D
 Acq: 09 Jul 2020 15:39

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A47

Tot Ion: 63 Resp: 17577
 Ion Ratio Lower Upper
 63 100
 65 33.1 22.1 41.1
 83 14.0 10.1 18.9

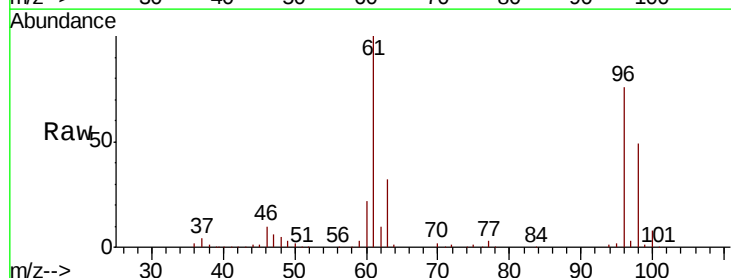


Abundance Ion 63.00 (62.70 to 63.70): VV0
 Ion 65.00 (64.70 to 65.70): VV0
 Ion 83.00 (82.70 to 83.70): VV0

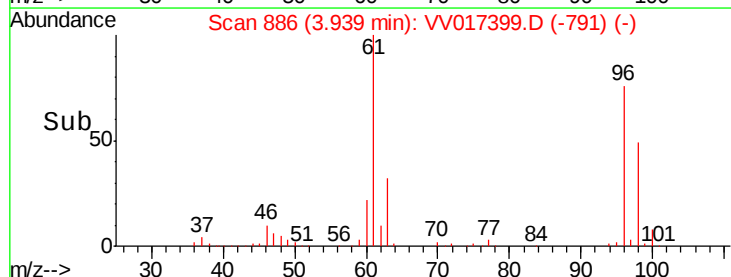
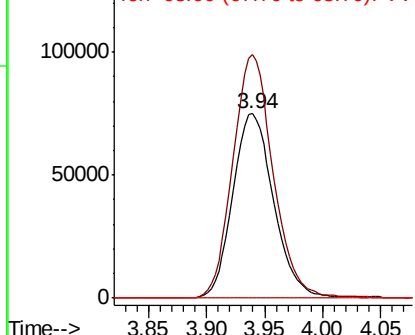


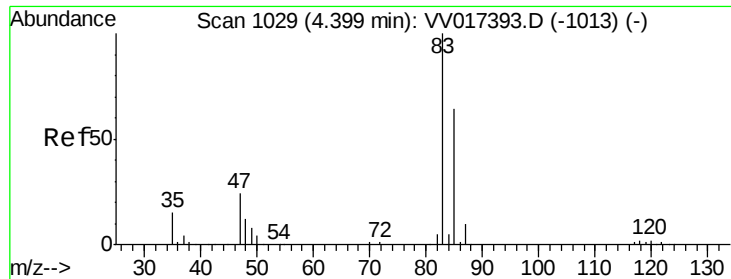
#20
 cis-1,2-Dichloroethene
 Concen: 99.064 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV017399.D
 Acq: 09 Jul 2020 15:39

Tgt Ion: 96 Resp: 183280
 Ion Ratio Lower Upper
 96 100
 61 132.2 88.9 165.1
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

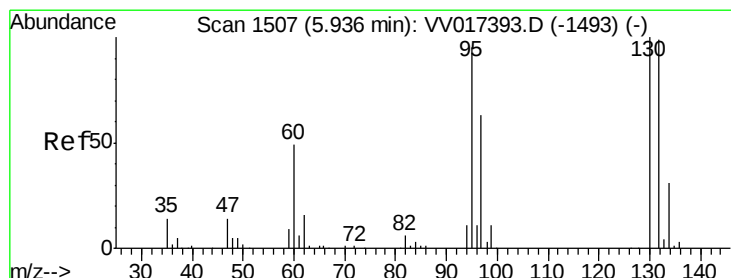
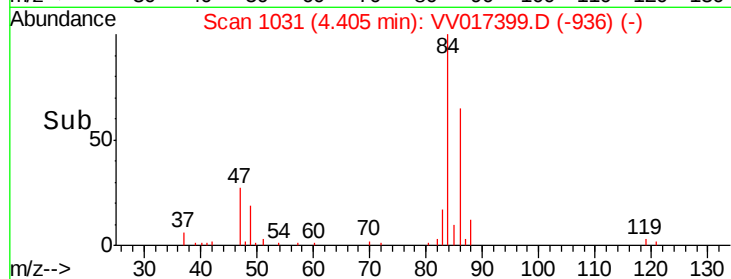
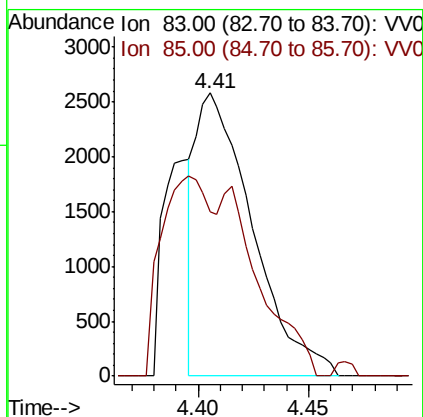
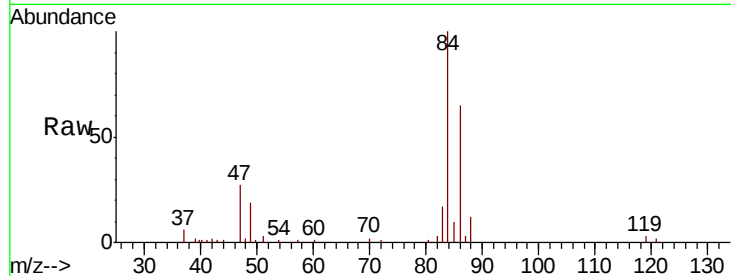




#25
Chloroform
Concen: 1.291 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV017399.D
Acq: 09 Jul 2020 15:39

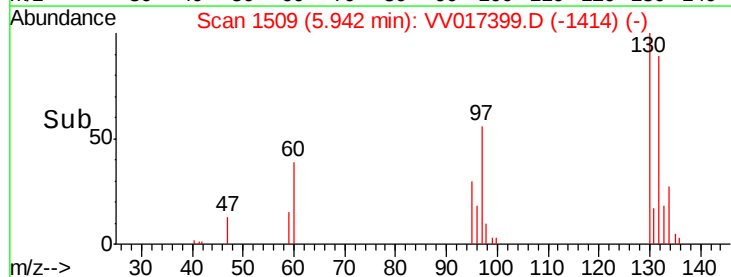
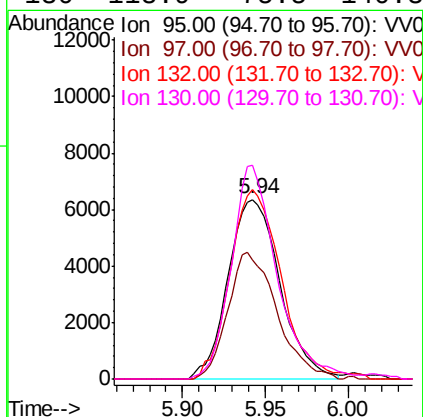
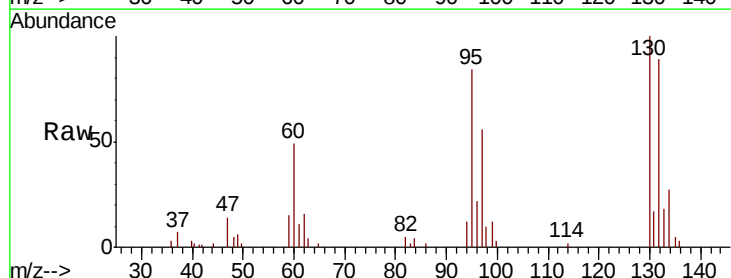
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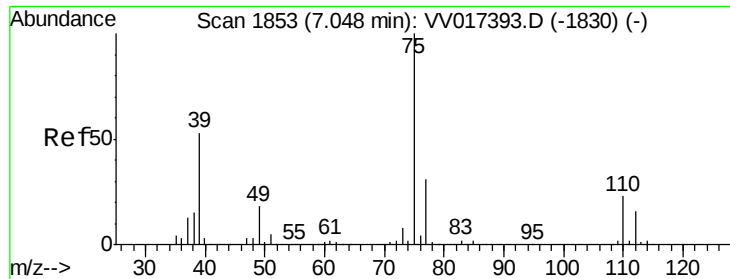
Tot Ion: 83 Resp: 4602
Ion Ratio Lower Upper
83 100
85 58.2 45.1 83.9



#34
Trichloroethene
Concen: 7.000 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV017399.D
Acq: 09 Jul 2020 15:39

Tgt Ion: 95 Resp: 13846
Ion Ratio Lower Upper
95 100
97 66.3 45.6 84.6
132 105.2 74.1 137.5
130 118.9 75.5 140.3

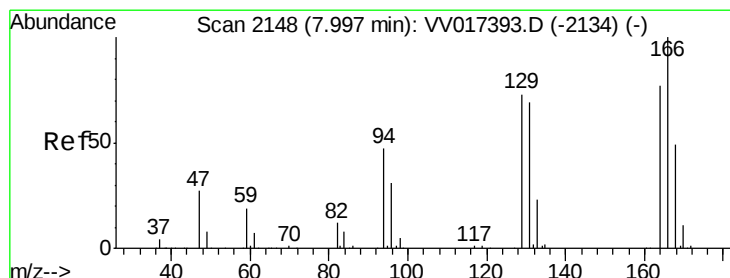
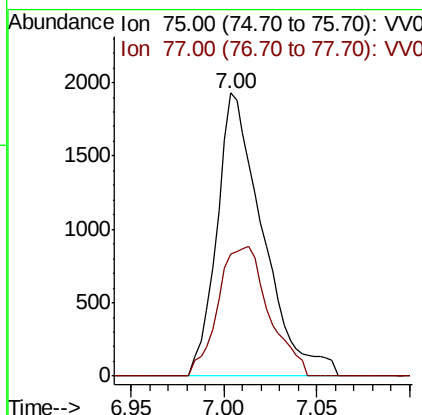
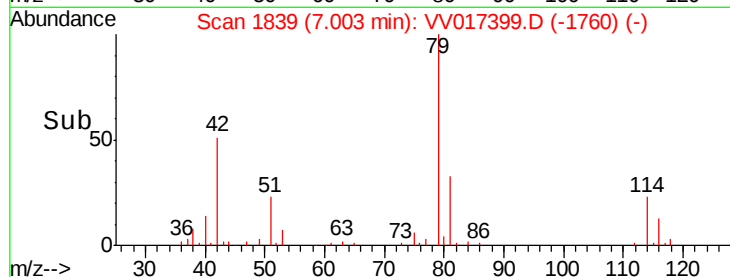
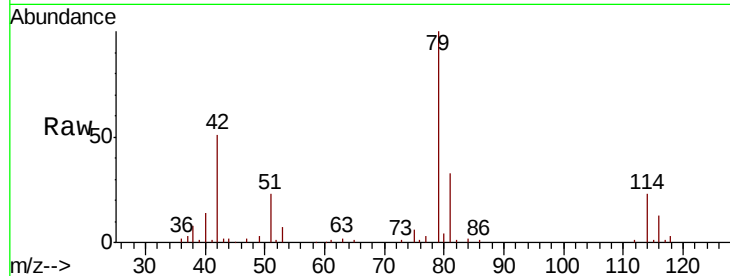




#39
 cis-1,3-Dichloropropene
 Concen: 1.192 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV017399.D
 Acq: 09 Jul 2020 15:39

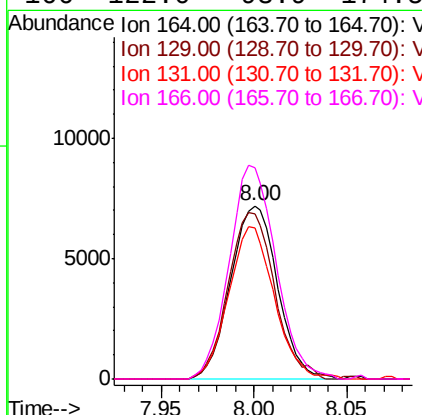
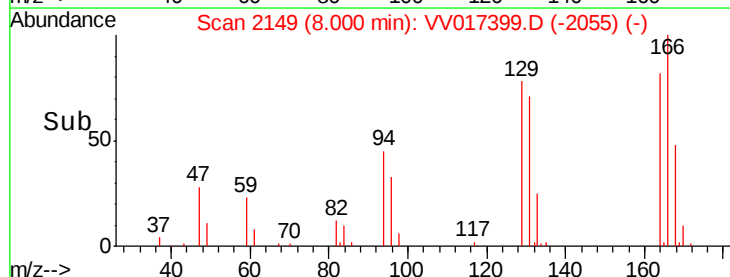
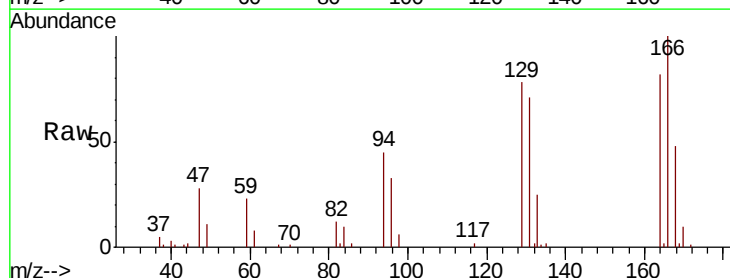
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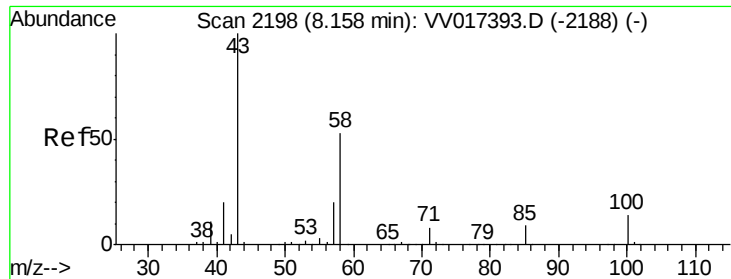
Tot Ion: 75 Resp: 3310
 Ion Ratio Lower Upper
 75 100
 77 43.4 22.2 41.2#



#46
 Tetrachloroethene
 Concen: 7.626 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV017399.D
 Acq: 09 Jul 2020 15:39

Tgt Ion:164 Resp: 12666
 Ion Ratio Lower Upper
 164 100
 129 95.6 66.6 123.8
 131 87.1 65.5 121.7
 166 122.0 93.9 174.5





#48
 2-Hexanone
 Concen: 2.532 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV017399.D
 Acq: 09 Jul 2020 15:39

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A47

Tot Ion:	43	Resp:	4619
Ion	Ratio	Lower	Upper
43	100		
58	39.4	42.6	64.0#
57	1.6	16.2	24.4#
100	5.9	10.9	16.3#

