

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017422.D
 Acq On : 10 Jul 2020 00:56
 Operator : SY/MD
 Sample : L3253-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A30

Quant Time: Jul 10 05:15:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 05:13:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	275316	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	258666	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125124	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56407	39.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.72%
7) Chloroethane-d5	1.58	69	41466	41.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.36%
11) 1,1-Dichloroethene-d2	2.12	63	98275	30.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.56%
21) 2-Butanone-d5	3.91	46	86497	88.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.36%
24) Chloroform-d	4.38	84	143612	43.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.64%
26) 1,2-Dichloroethane-d4	5.06	65	104608	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
32) Benzene-d6	5.08	84	251709	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
36) 1,2-Dichloropropane-d6	6.09	67	72620	45.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.26%
41) Toluene-d8	7.34	98	234089	43.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.16%
43) trans-1,3-Dichloropropene-	7.64	79	40290	43.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.04%
47) 2-Hexanone-d5	8.11	63	58046	87.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.90%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	98747	43.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	100842	48.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

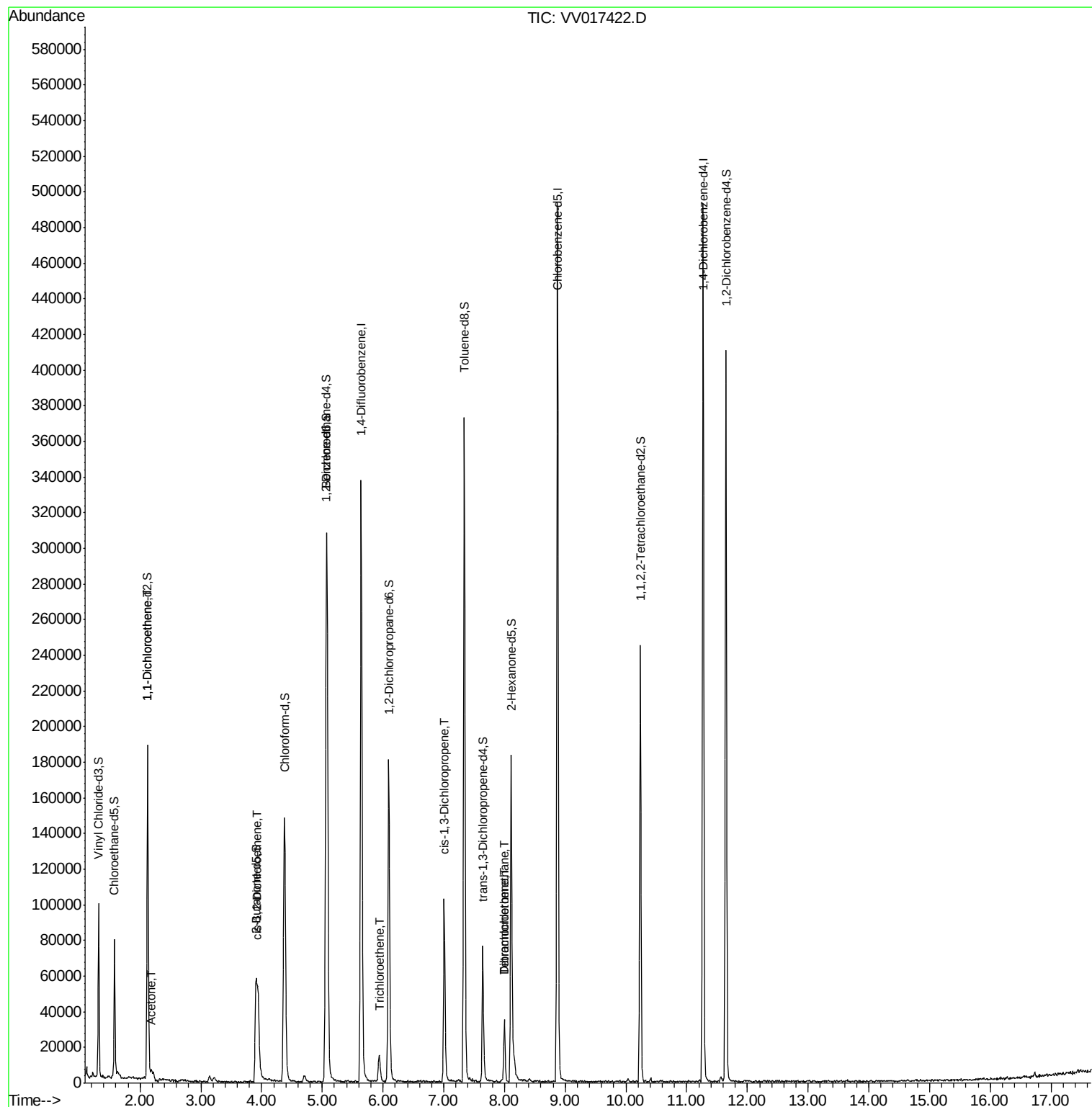
					Ovalue
12) 1,1-Dichloroethene	2.13	96	1352	0.818 ug/L #	1
13) Acetone	2.19	43	7101	5.329 ug/L	85
20) cis-1,2-Dichloroethene	3.94	96	21308	11.059 ug/L	99
34) Trichloroethene	5.95	95	2730	1.345 ug/L	93
39) cis-1,3-Dichloropropene	7.01	75	3093	1.085 ug/L #	78
46) Tetrachloroethene	8.00	164	7817	4.586 ug/L	94
49) Dibromochloromethane	8.00	129	6933	3.063 ug/L #	10

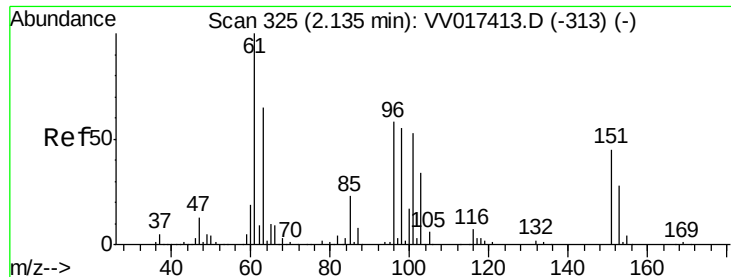
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 10 05:13:25 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.818 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV017422.D

Acq: 10 Jul 2020 00:56

Instrument :

MSVOA_V

ClientSampleId :

F4A30

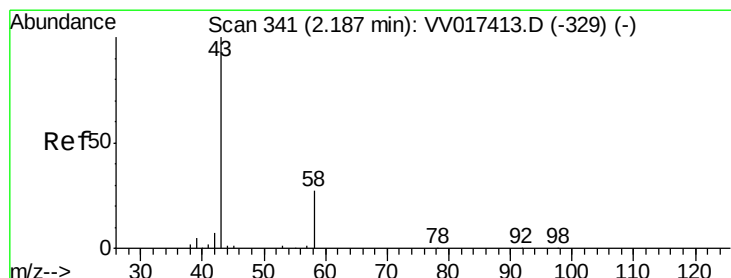
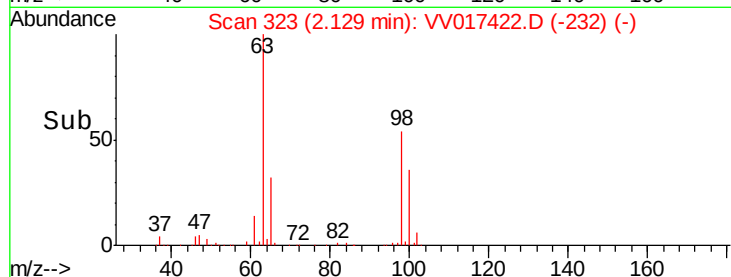
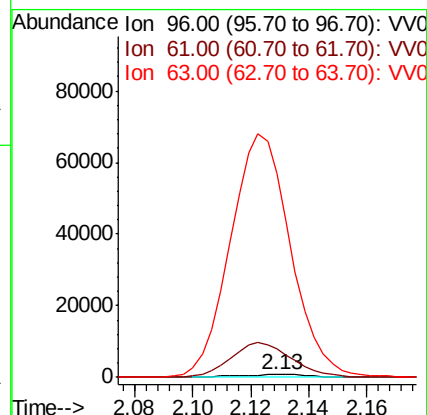
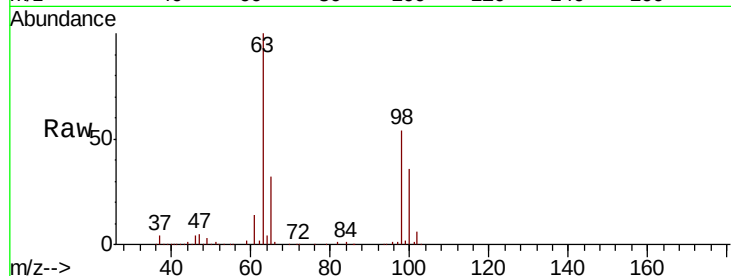
Tot Ion: 96 Resp: 1352

Ion Ratio Lower Upper

96 100

61 966.8 132.7 246.4#

63 6921.7 103.3 191.8#



#13

Acetone

Concen: 5.329 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV017422.D

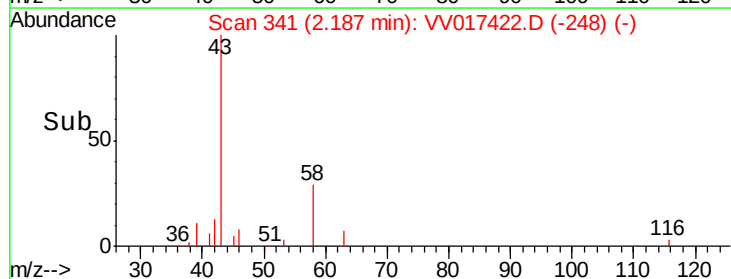
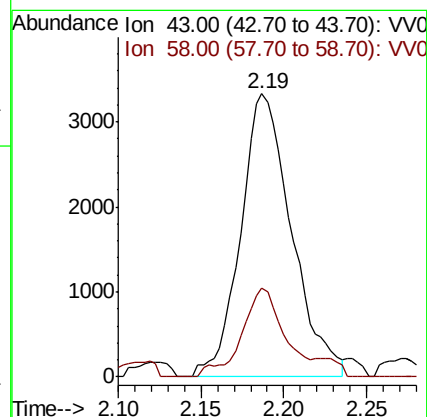
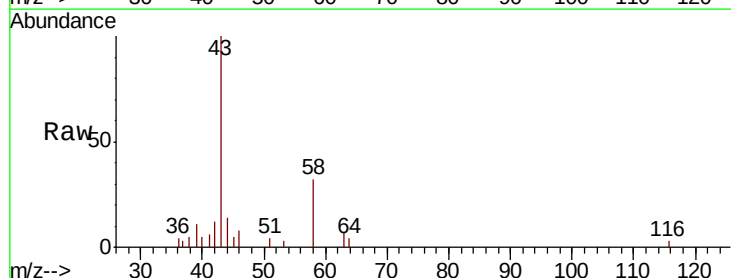
Acq: 10 Jul 2020 00:56

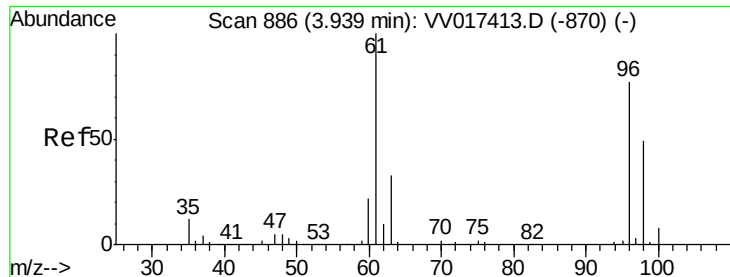
Tgt Ion: 43 Resp: 7101

Ion Ratio Lower Upper

43 100

58 20.3 0.0 56.0

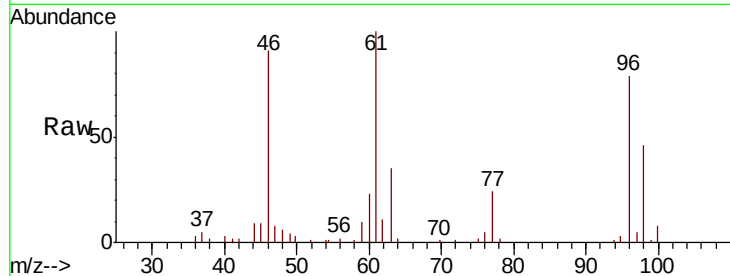




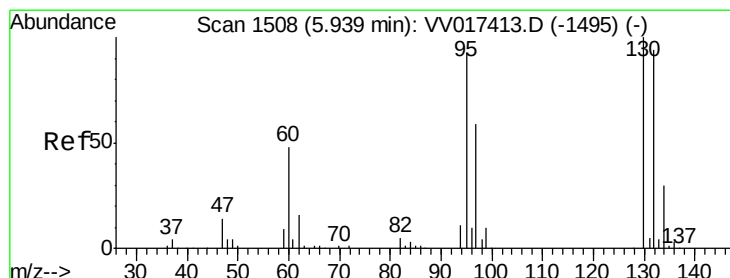
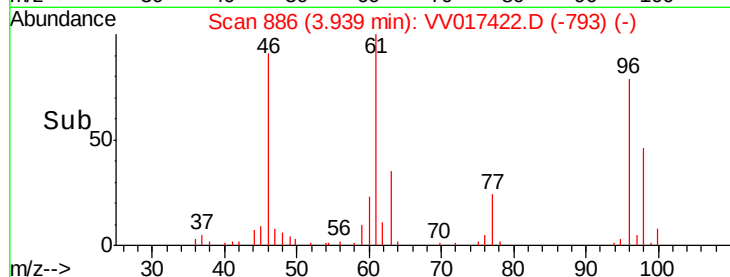
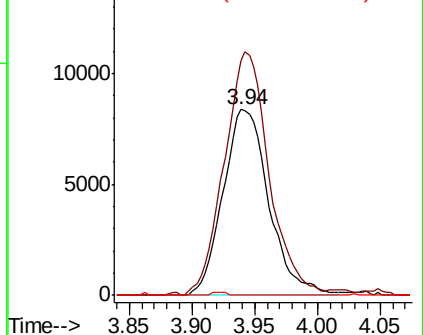
#20
 cis-1,2-Dichloroethene
 Concen: 11.059 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: VV017422.D
 Acq: 10 Jul 2020 00:56

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A30

Tot Ion: 96 Resp: 21308
 Ion Ratio Lower Upper
 96 100
 61 126.0 88.9 165.1
 68 0.0 0.0 0.0

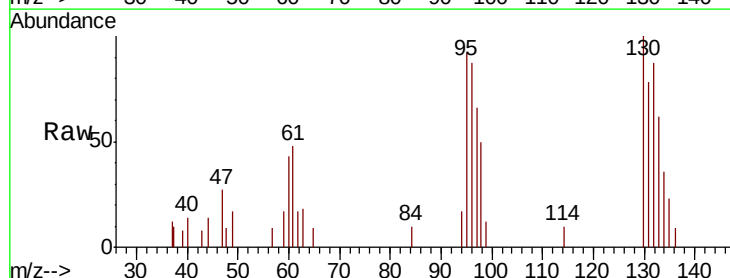


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

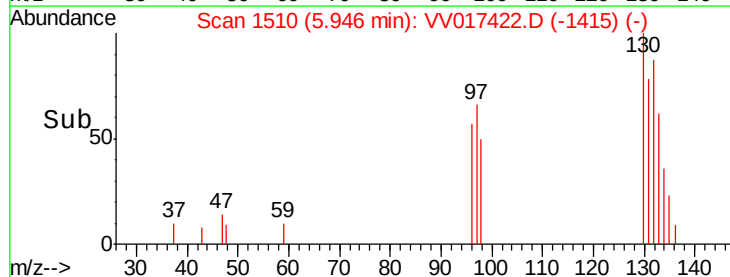
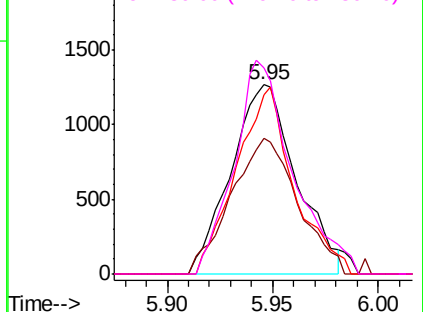


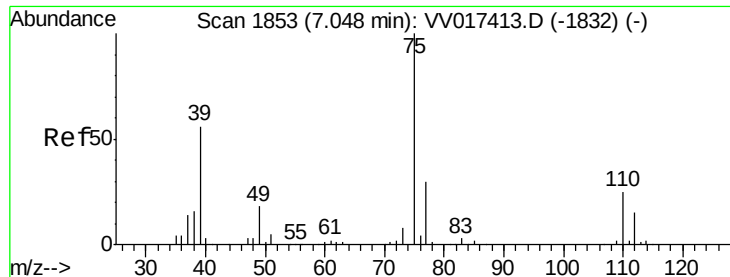
#34
 Trichloroethene
 Concen: 1.345 ug/L
 RT: 5.95 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VV017422.D
 Acq: 10 Jul 2020 00:56

Tgt Ion: 95 Resp: 2730
 Ion Ratio Lower Upper
 95 100
 97 71.7 45.6 84.6
 132 94.5 74.1 137.5
 130 109.1 75.5 140.3



Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

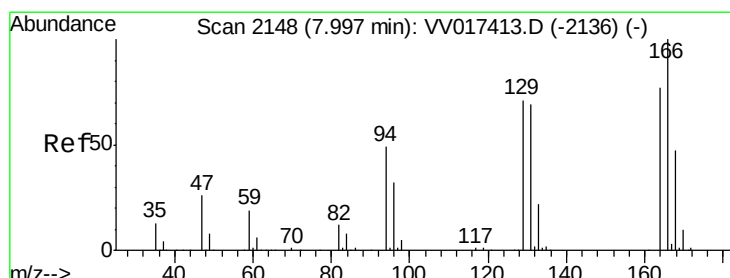
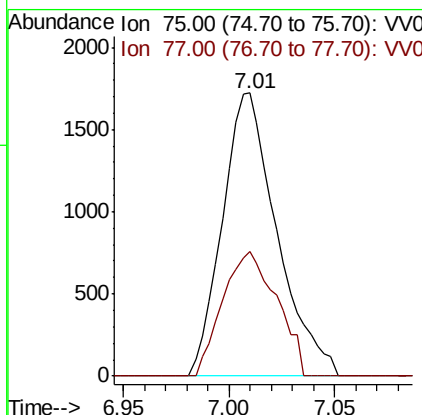
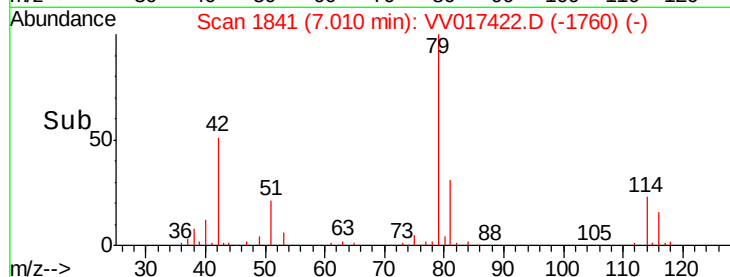
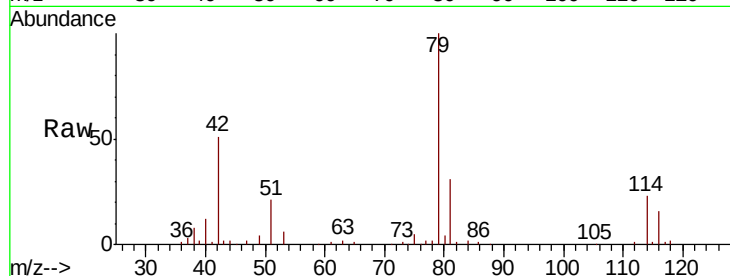




#39
 cis-1,3-Dichloropropene
 Concen: 1.085 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017422.D
 Acq: 10 Jul 2020 00:56

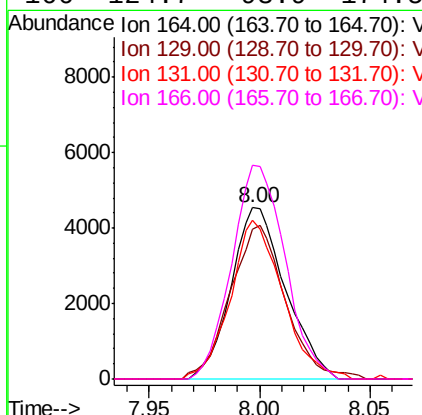
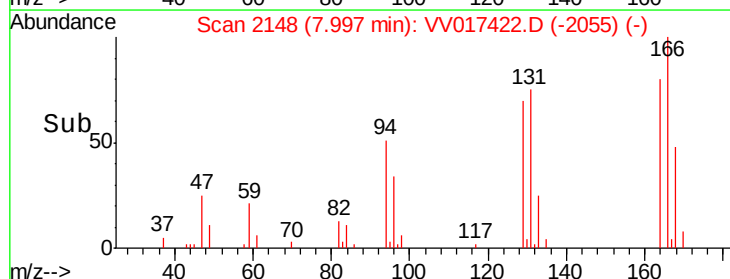
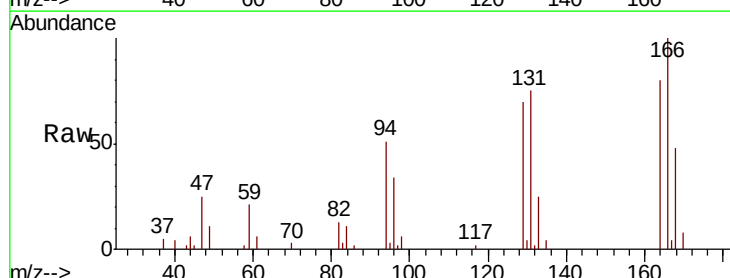
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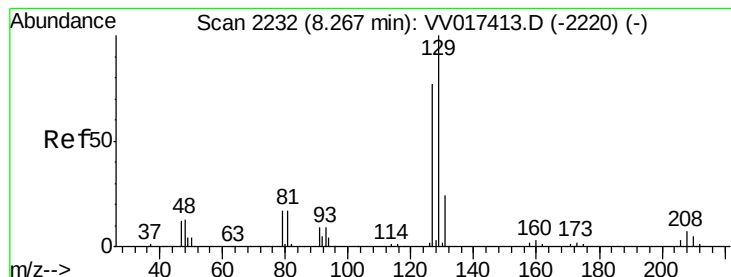
Tot Ion: 75 Resp: 3093
 Ion Ratio Lower Upper
 75 100
 77 43.9 22.2 41.2#



#46
 Tetrachloroethene
 Concen: 4.586 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV017422.D
 Acq: 10 Jul 2020 00:56

Tgt Ion: 164 Resp: 7817
 Ion Ratio Lower Upper
 164 100
 129 87.5 66.6 123.8
 131 93.0 65.5 121.7
 166 124.7 93.9 174.5





#49

Dibromochloromethane

Concen: 3.063 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV017422.D

Acq: 10 Jul 2020 00:56

Instrument :
MSVOA_V
ClientSampleId :
F4A30

Tot Ion:129 Resp: 6933

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#

