

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071020\
 Data File : VV017441.D
 Acq On : 10 Jul 2020 15:43
 Operator : SY/MD
 Sample : L3254-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A54

Quant Time: Jul 11 00:26:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 11 00:23:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	272374	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	253519	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124995	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54131	38.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.36%
7) Chloroethane-d5	1.58	69	41653	41.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.64%
11) 1,1-Dichloroethene-d2	2.12	63	98136	30.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.14%
21) 2-Butanone-d5	3.91	46	89344	92.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.25%
24) Chloroform-d	4.38	84	142562	43.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.94%
26) 1,2-Dichloroethane-d4	5.06	65	106060	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
32) Benzene-d6	5.08	84	248202	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
36) 1,2-Dichloropropane-d6	6.09	67	72851	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.38%
41) Toluene-d8	7.34	98	235301	44.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.38%
43) trans-1,3-Dichloropropene-	7.64	79	41129	44.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.62%
47) 2-Hexanone-d5	8.11	63	58905	91.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.01%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	96631	43.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	101437	48.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.08%

Target Compounds

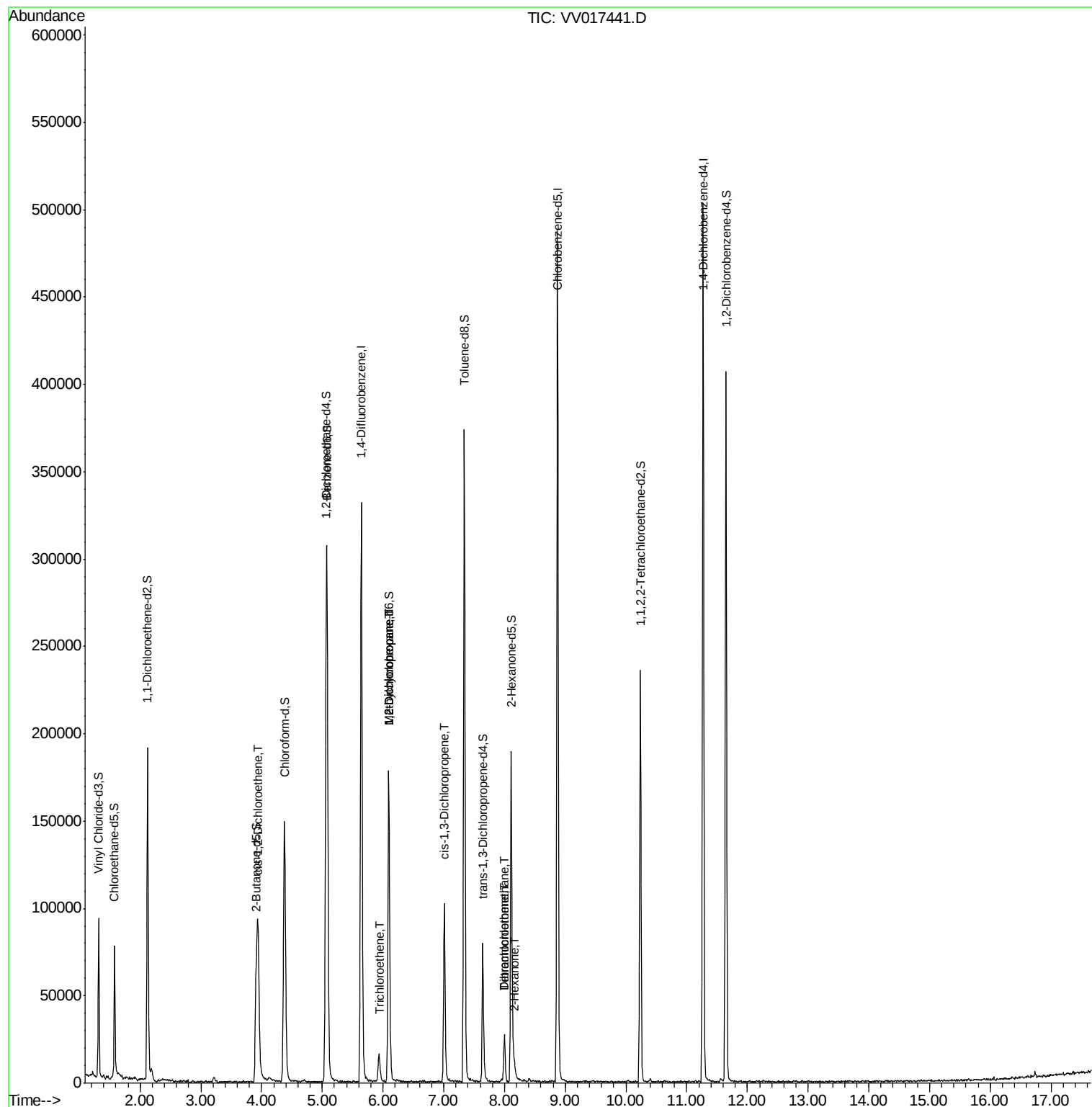
					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	42994	22.555	ug/L 100
34) Trichloroethene	5.95	95	1831	0.920	ug/L # 60
35) Methylcyclohexane	6.09	83	21960	7.537	ug/L # 18
37) 1,2-Dichloropropane	6.10	63	9911	6.047	ug/L # 84
39) cis-1,3-Dichloropropene	7.01	75	3480	1.246	ug/L 92
46) Tetrachloroethene	8.00	164	6357	3.805	ug/L 95
48) 2-Hexanone	8.16	43	4185	2.281	ug/L # 50
49) Dibromochloromethane	8.00	129	5576	2.513	ug/L # 10

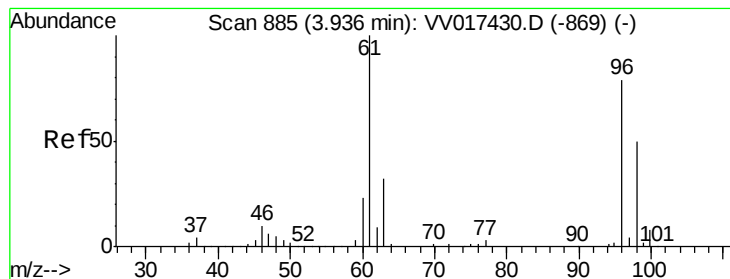
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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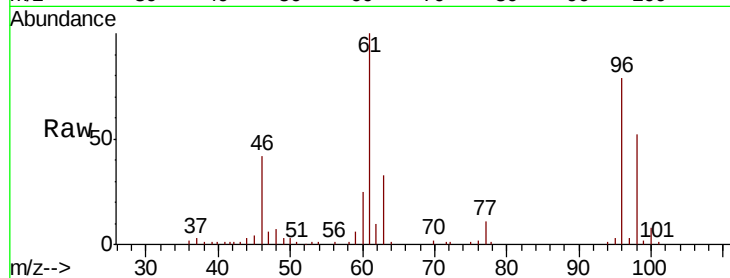


#20

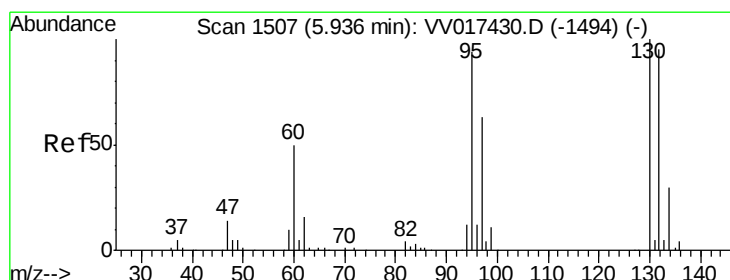
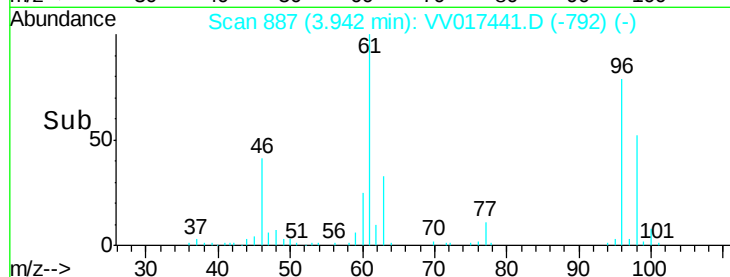
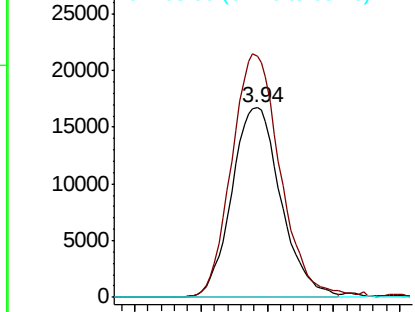
cis-1,2-Dichloroethene
Concen: 22.555 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV017441.D
Acq: 10 Jul 2020 15:43

Instrument :
MSVOA_V
ClientSampleId :
F4A54

Tot Ion: 96 Resp: 42994
Ion Ratio Lower Upper
96 100
61 127.2 88.9 165.1
68 0.0 0.0 0.0



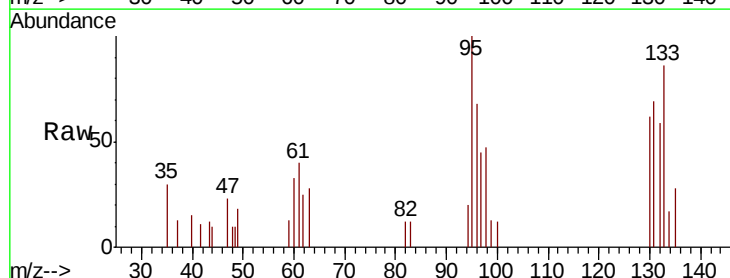
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



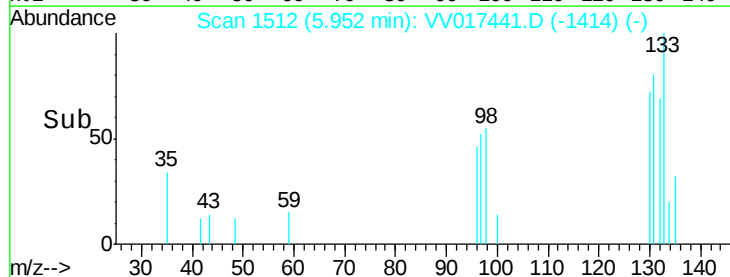
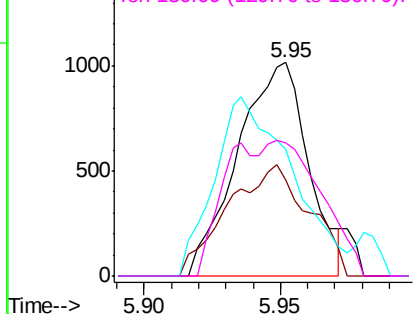
#34

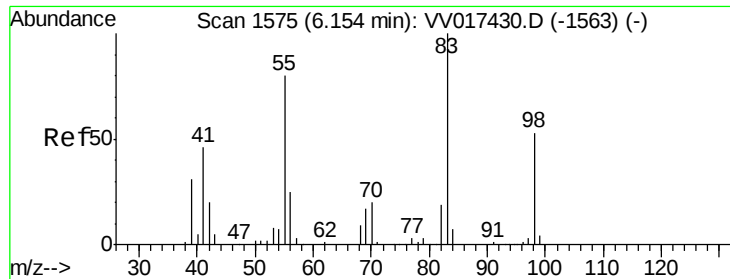
Trichloroethene
Concen: 0.920 ug/L
RT: 5.95 min Scan# 1512
Delta R.T. 0.02 min
Lab File: VV017441.D
Acq: 10 Jul 2020 15:43

Tgt Ion: 95 Resp: 1831
Ion Ratio Lower Upper
95 100
97 44.7 45.6 84.6#
132 59.5 74.1 137.5#
130 62.0 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

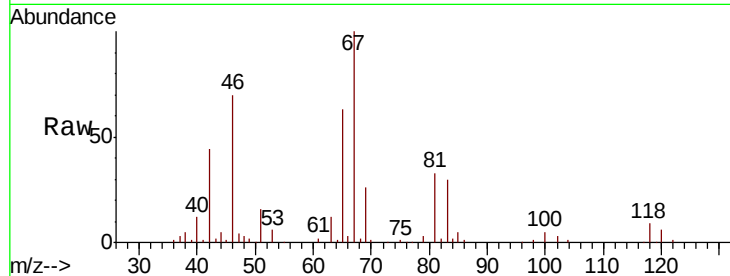




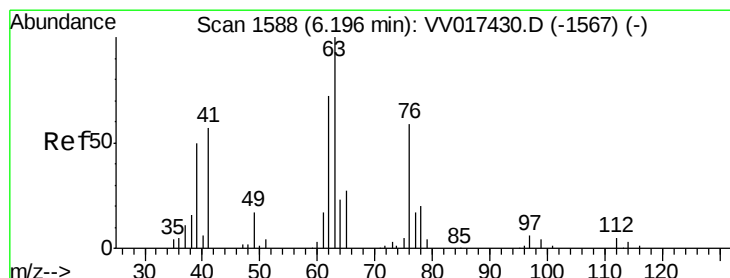
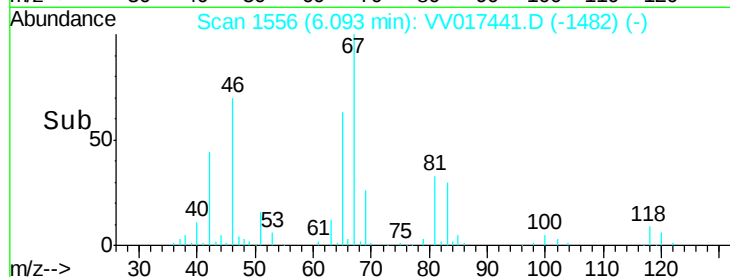
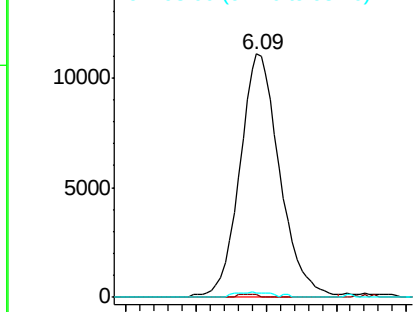
#35
Methvlcvclohexane
Concen: 7.537 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017441.D
Acq: 10 Jul 2020 15:43

Instrument :
MSVOA_V
ClientSampleId :
F4A54

Tot Ion: 83 Resp: 21960
Ion Ratio Lower Upper
83 100
55 0.6 61.0 91.6#
98 0.7 41.3 61.9#

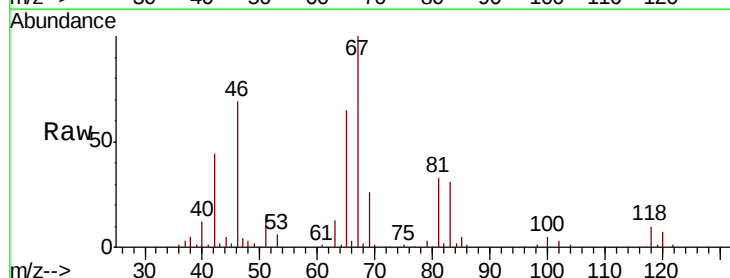


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

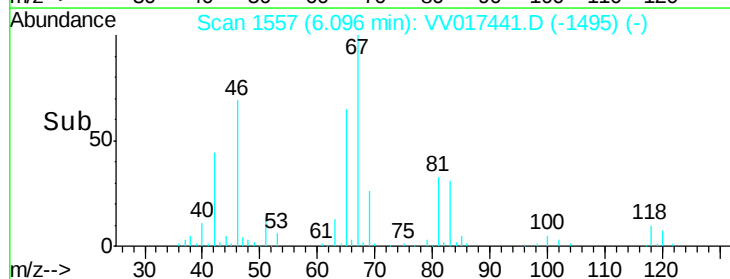
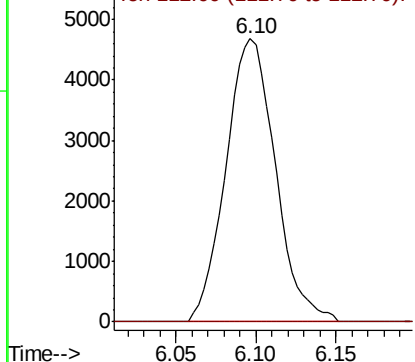


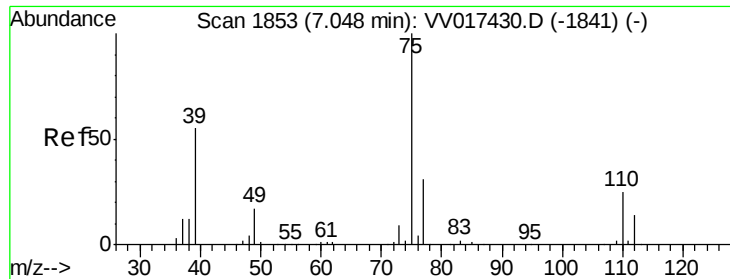
#37
1,2-Dichloropropane
Concen: 6.047 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017441.D
Acq: 10 Jul 2020 15:43

Tgt Ion: 63 Resp: 9911
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

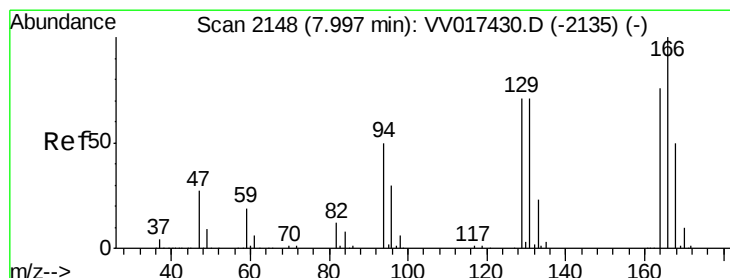
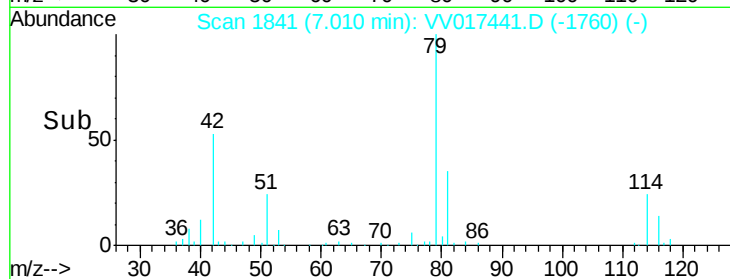
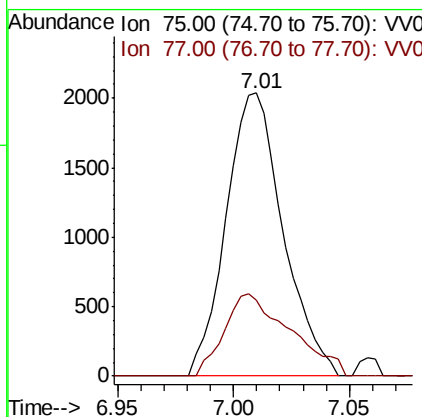
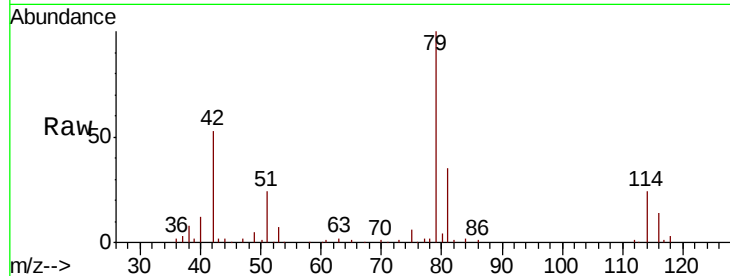




#39
 cis-1,3-Dichloropropene
 Concen: 1.246 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017441.D
 Acq: 10 Jul 2020 15:43

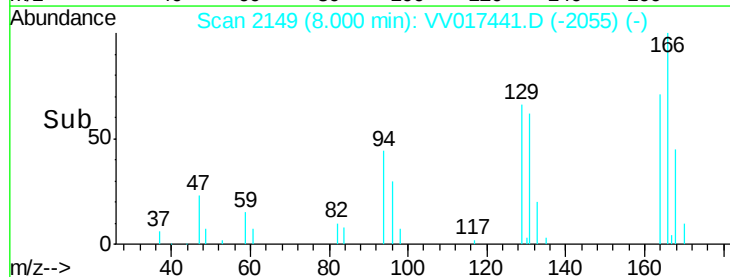
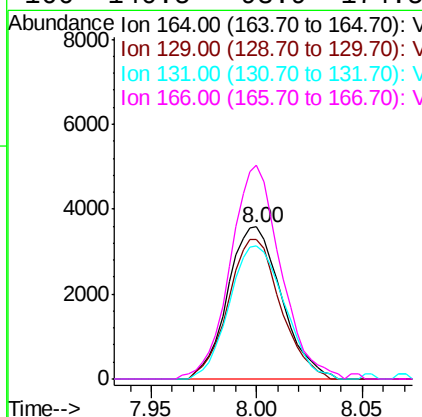
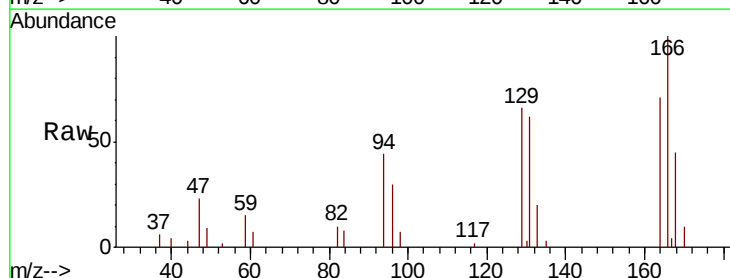
Instrument :
 MSVOA_V
 ClientSampleId :
 F4A54

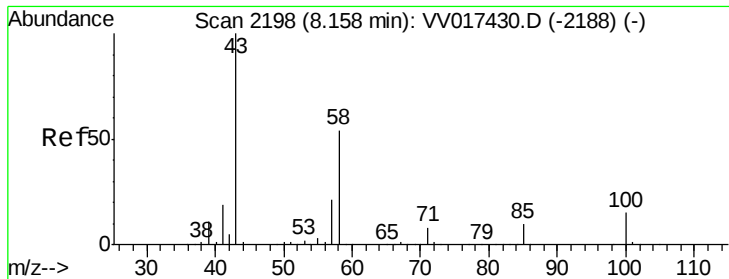
Tot Ion: 75 Resp: 3480
 Ion Ratio Lower Upper
 75 100
 77 27.0 22.2 41.2



#46
 Tetrachloroethene
 Concen: 3.805 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV017441.D
 Acq: 10 Jul 2020 15:43

Tgt Ion: 164 Resp: 6357
 Ion Ratio Lower Upper
 164 100
 129 92.2 66.6 123.8
 131 87.5 65.5 121.7
 166 140.5 93.9 174.5

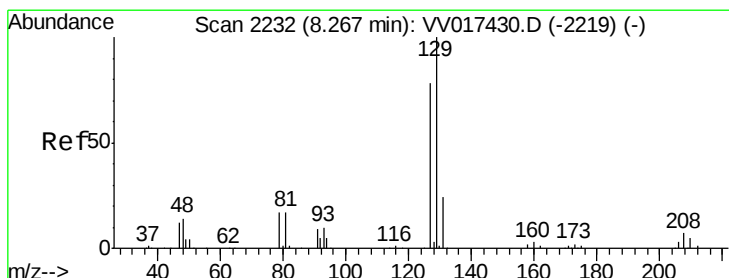
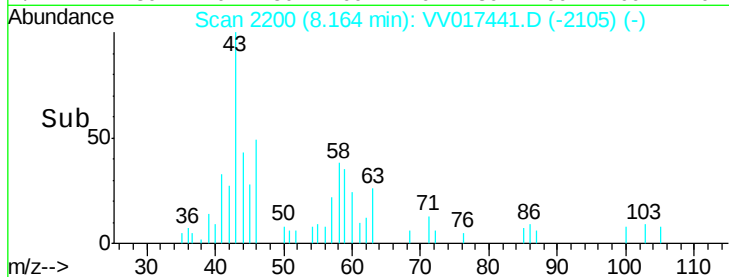
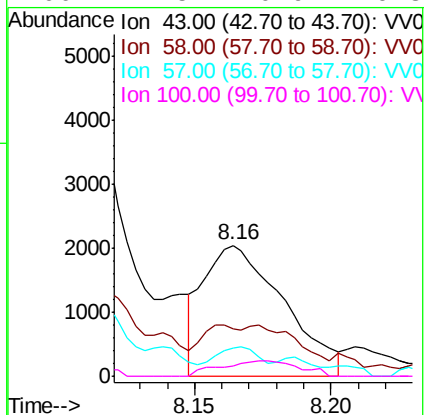
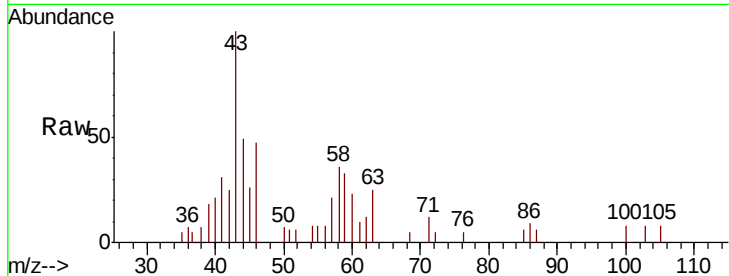




#48
2-Hexanone
Concen: 2.281 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV017441.D
Acq: 10 Jul 2020 15:43

Instrument :
MSVOA_V
ClientSampleId :
F4A54

Tot Ion: 43 Resp: 4185
Ion Ratio Lower Upper
43 100
58 8.4 42.6 64.0#
57 7.1 16.2 24.4#
100 2.5 10.9 16.3#



#49
Dibromochloromethane
Concen: 2.513 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV017441.D
Acq: 10 Jul 2020 15:43

Tgt Ion: 129 Resp: 5576
Ion Ratio Lower Upper
129 100
127 0.0 54.6 101.4#

