

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV063020\
 Data File : VV017265.D
 Acq On : 30 Jun 2020 17:10
 Operator : SY/MD
 Sample : L3168-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 01 06:04:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 06:00:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	165517	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	161320	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77513	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42641	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.58	69	37179	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.13	63	68131	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.95	46	124138	49.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.06%
24) Chloroform-d	4.38	84	105126	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.06	65	57498	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.08	84	193169	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.09	67	56490	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.34	98	167863	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
45) trans-1,3-Dichloropropene-	7.64	79	23769	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
48) 2-Hexanone-d5	8.11	63	82709	41.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.20%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38203	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	71488	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

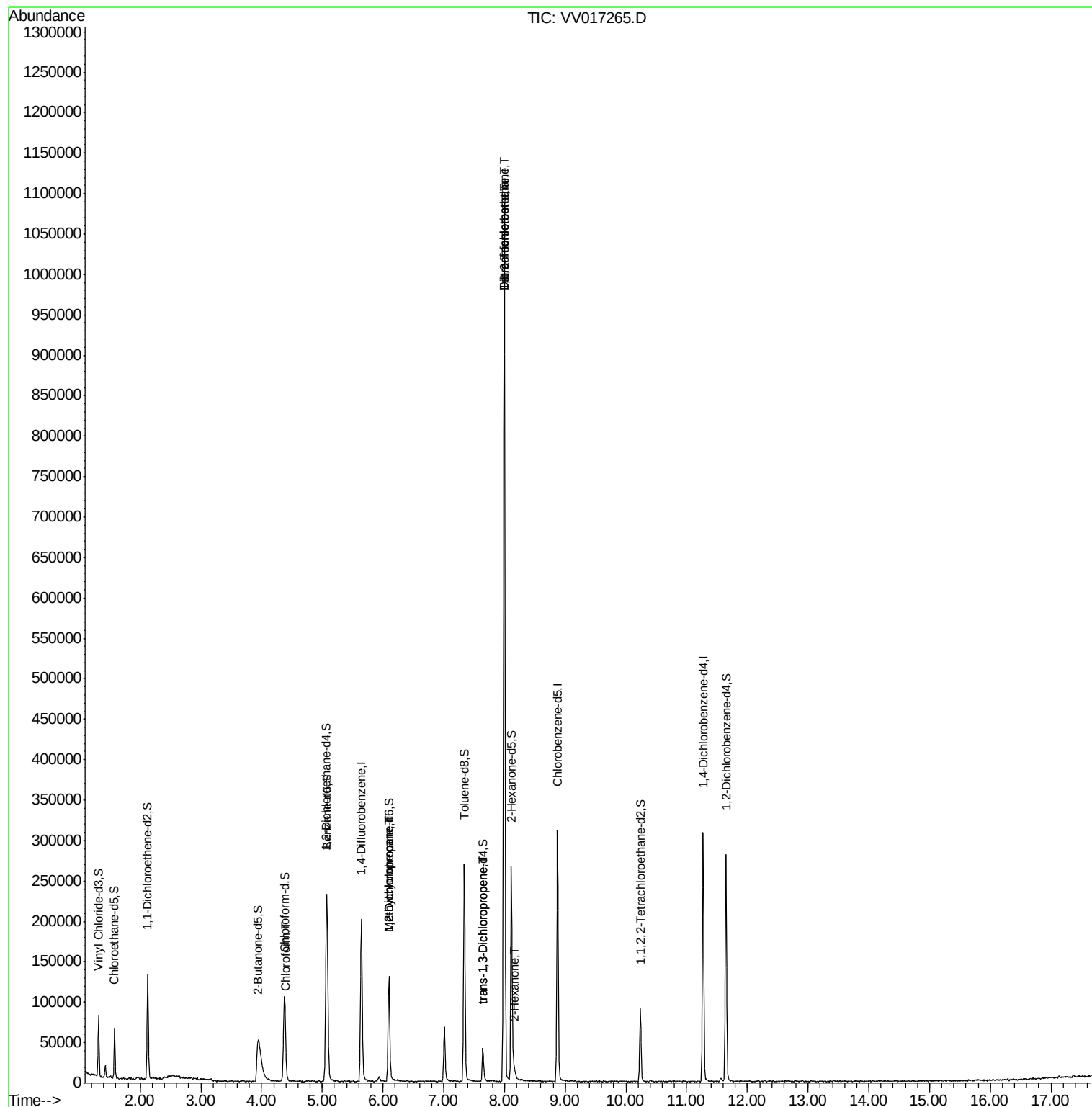
					Ovalue
25) Chloroform	4.41	83	2319	0.112 ug/L	85
35) Methylcyclohexane	6.10	83	15138	0.787 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	7504	0.718 ug/L #	84
46) trans-1,3-Dichloropropene	7.64	75	1340	0.100 ug/L	86
47) 1,1,2-Trichloroethane	7.99	97	2080	0.280 ug/L #	22
49) Tetrachloroethene	8.00	164	242790	24.384 ug/L	99
50) 2-Hexanone	8.17	43	6424	1.495 ug/L #	82
51) Dibromochloromethane	8.00	129	215425	23.959 ug/L #	11

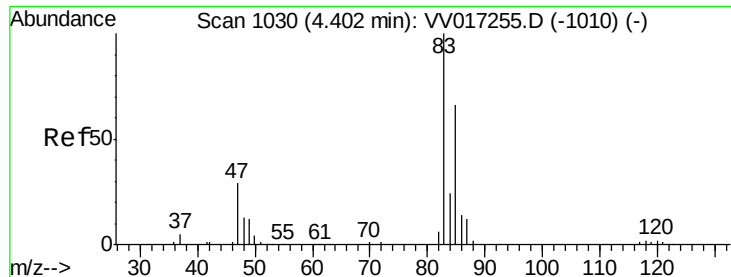
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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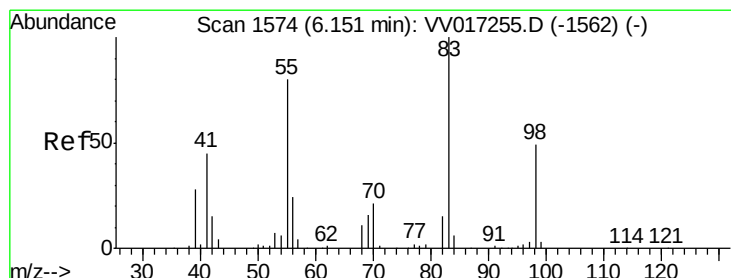
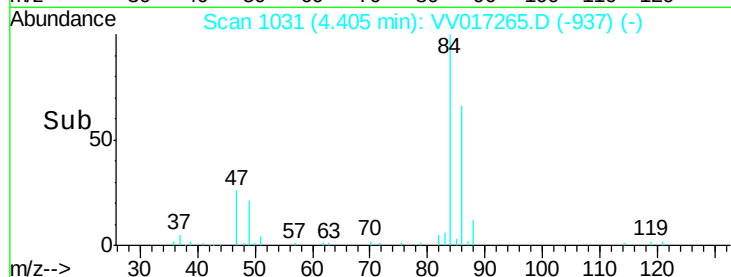
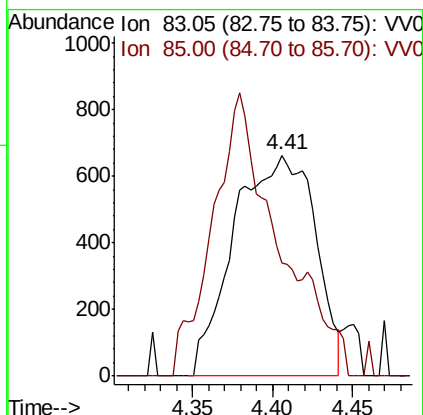
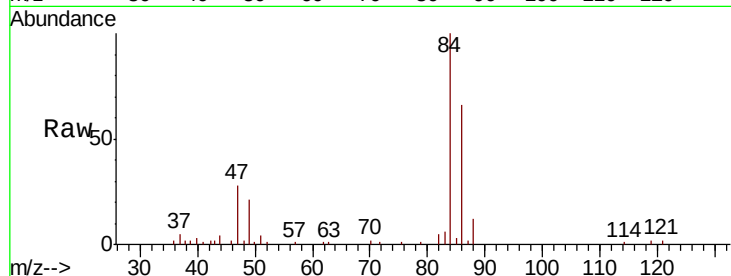




#25
Chloroform
Concen: 0.112 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV017265.D
Acq: 30 Jun 2020 17:10

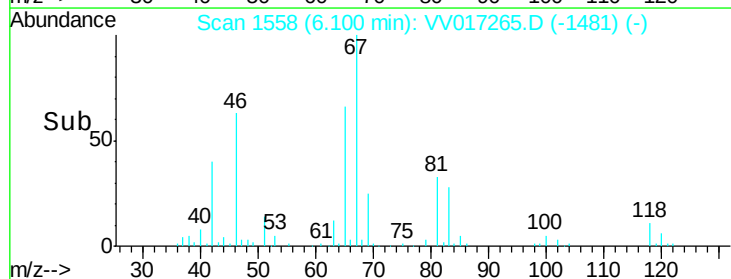
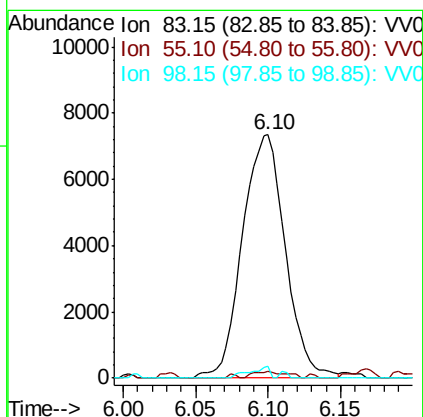
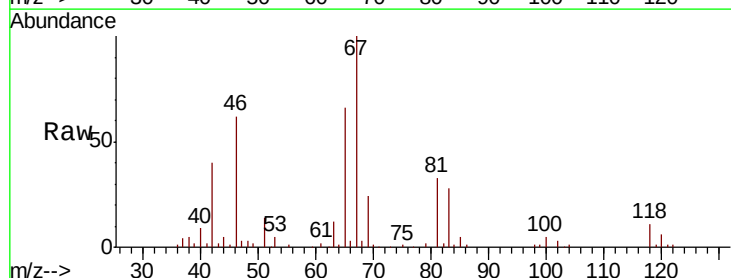
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MSVOA_V
ClientSampleId :

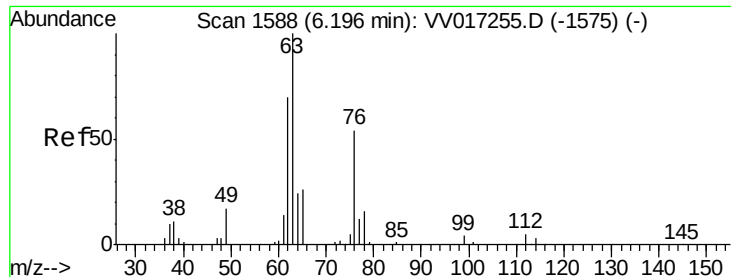
Tot Ion: 83 Resp: 2319
Ion Ratio Lower Upper
83 100
85 51.4 44.2 82.2



#35
Methylcyclohexane
Concen: 0.787 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.05 min
Lab File: VV017265.D
Acq: 30 Jun 2020 17:10

Tgt Ion: 83 Resp: 15138
Ion Ratio Lower Upper
83 100
55 2.0 63.6 95.4#
98 2.3 38.8 58.2#

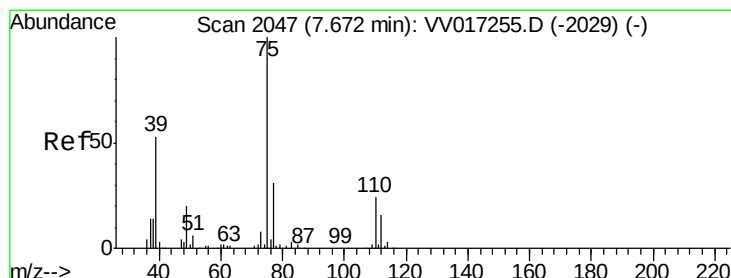
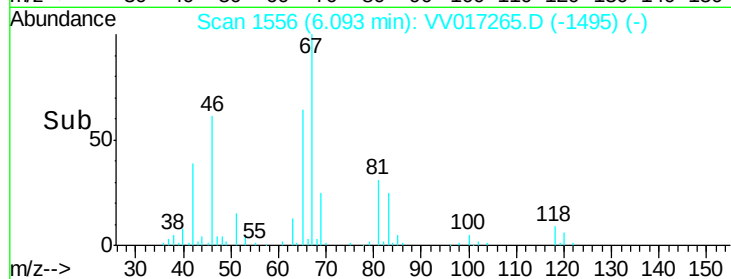
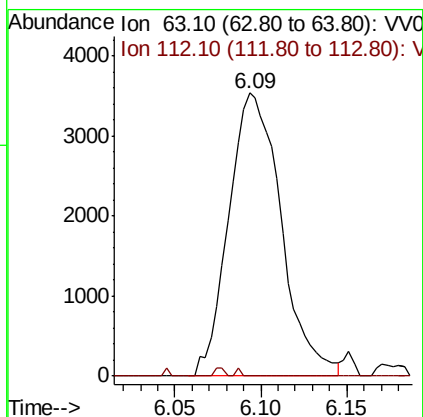
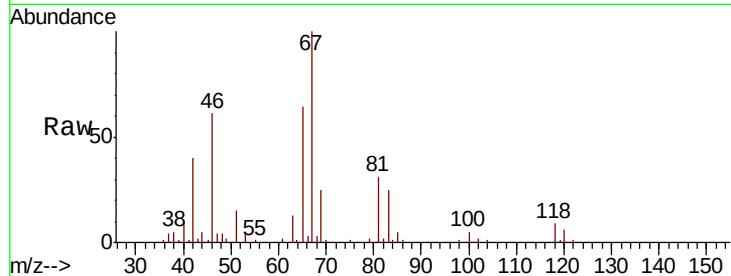




#37
 1,2-Dichloropropane
 Concen: 0.718 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV017265.D
 Acq: 30 Jun 2020 17:10

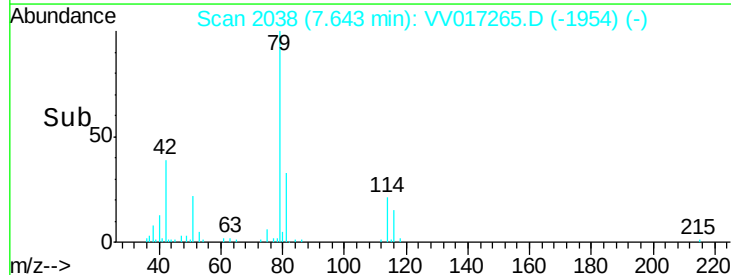
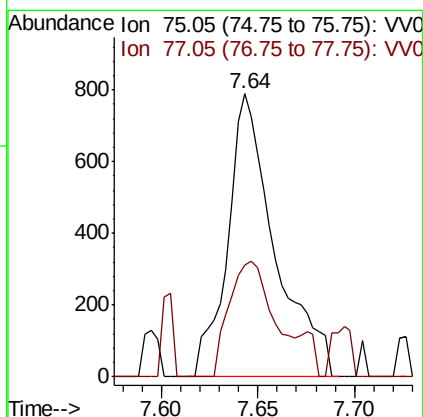
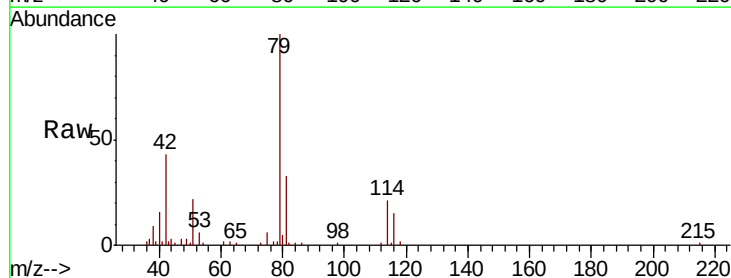
Instrument :
 MSVOA_V
 ClientSampleId :

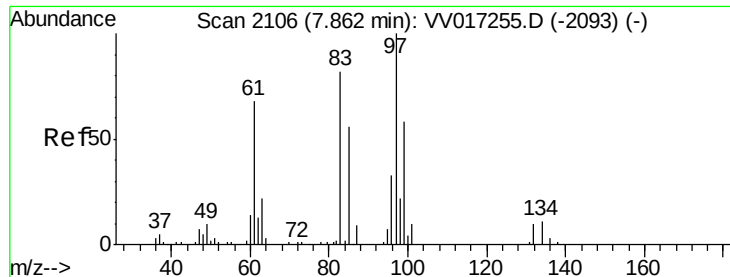
Tot Ion: 63 Resp: 7504
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.4 6.6#



#46
 trans-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV017265.D
 Acq: 30 Jun 2020 17:10

Tgt Ion: 75 Resp: 1340
 Ion Ratio Lower Upper
 75 100
 77 39.7 22.3 41.3

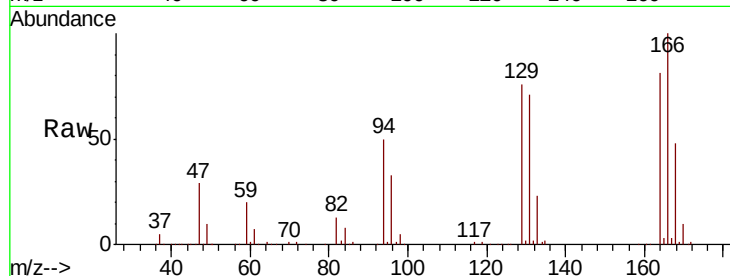




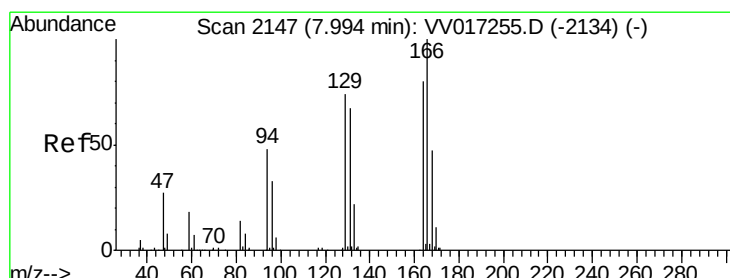
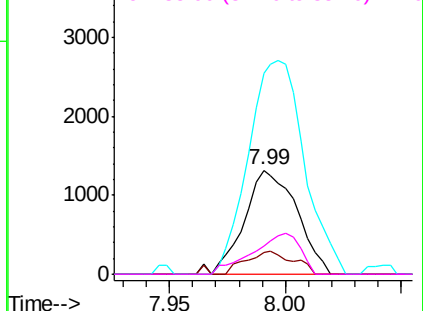
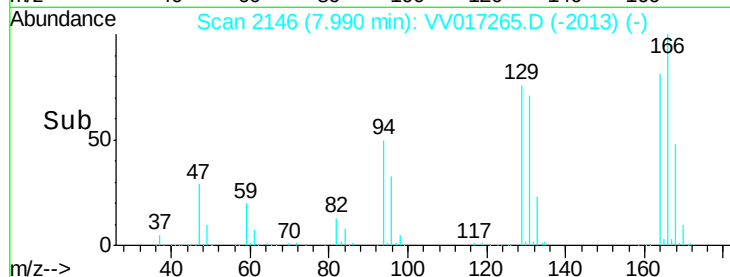
#47
1,1,2-Trichloroethane
Concen: 0.280 ug/L
RT: 7.99 min Scan# 2146
Delta R.T. 0.13 min
Lab File: VV017265.D
Acq: 30 Jun 2020 17:10

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 97 Resp: 2080
Ion Ratio Lower Upper
97 100
99 20.9 43.6 81.0#
83 192.6 57.4 106.6#
85 27.0 38.8 72.0#

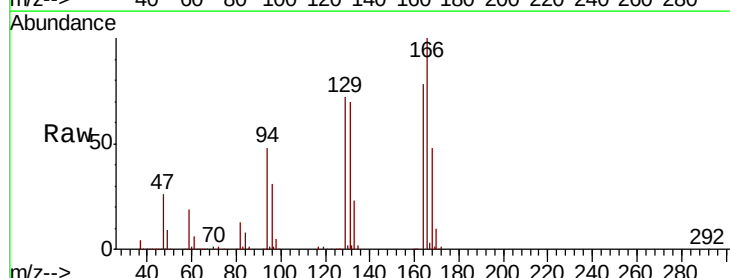


Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 82.95 (82.65 to 83.65): VV0
Ion 85.00 (84.70 to 85.70): VV0

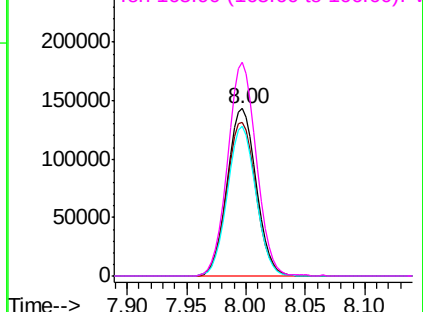
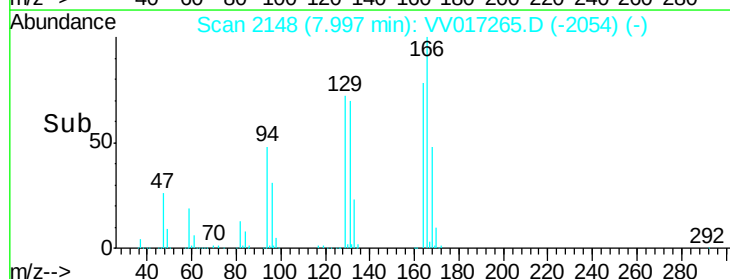


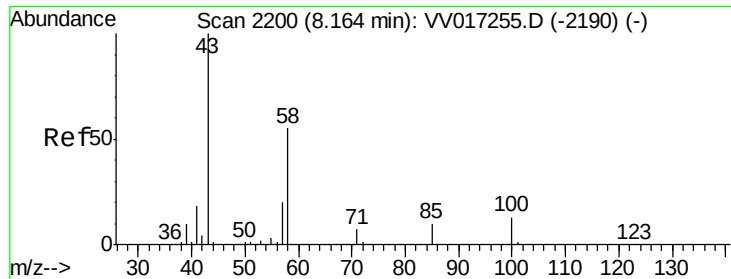
#49
Tetrachloroethene
Concen: 24.384 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV017265.D
Acq: 30 Jun 2020 17:10

Tgt Ion: 164 Resp: 242790
Ion Ratio Lower Upper
164 100
129 92.3 65.2 121.0
131 89.6 64.1 119.1
166 127.7 90.2 167.4



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

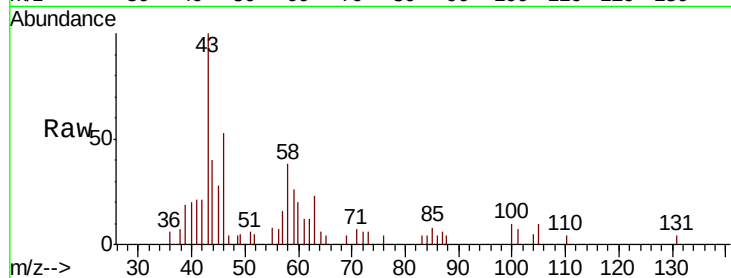




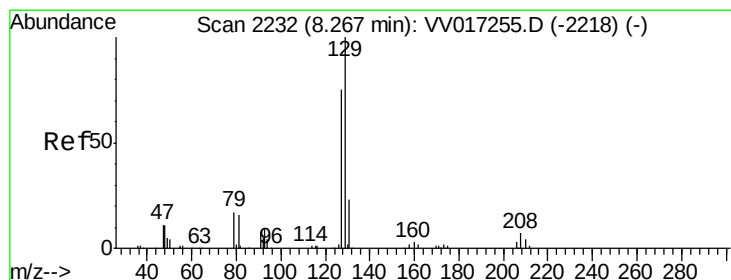
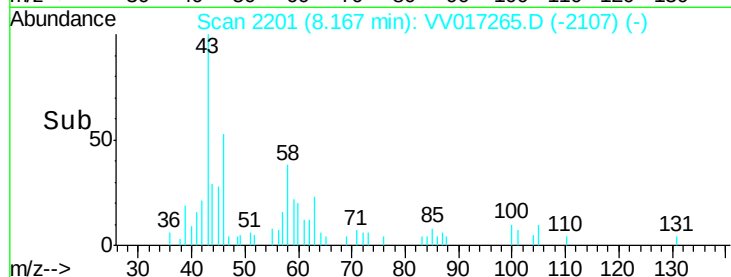
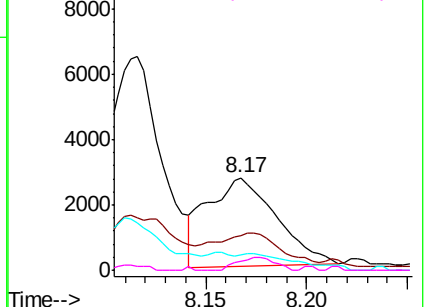
#50
2-Hexanone
Concen: 1.495 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV017265.D
Acq: 30 Jun 2020 17:10

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6424
Ion Ratio Lower Upper
43 100
58 39.5 41.6 62.4#
57 9.5 15.4 23.0#
100 8.0 10.1 15.1#

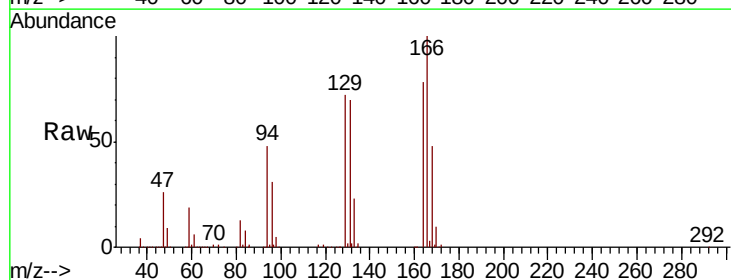


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0



#51
Dibromochloromethane
Concen: 23.959 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV017265.D
Acq: 30 Jun 2020 17:10

Tgt Ion: 129 Resp: 215425
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

