

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007919.D
 Acq On : 27 Sep 2018 20:45
 Operator : SY/MD
 Sample : VV0927WBL02
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 03:47:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 03:46:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	89081	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	82755	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41748	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24614	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.59	69	22071	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.14	63	40425	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	3.96	46	70079	48.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.58%
24) Chloroform-d	4.41	84	54723	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.09	65	30218	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.10	84	107236	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.12	67	32996	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.36	98	100247	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.67	79	10718	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.14	63	51853	48.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.42%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23652	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	41668	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

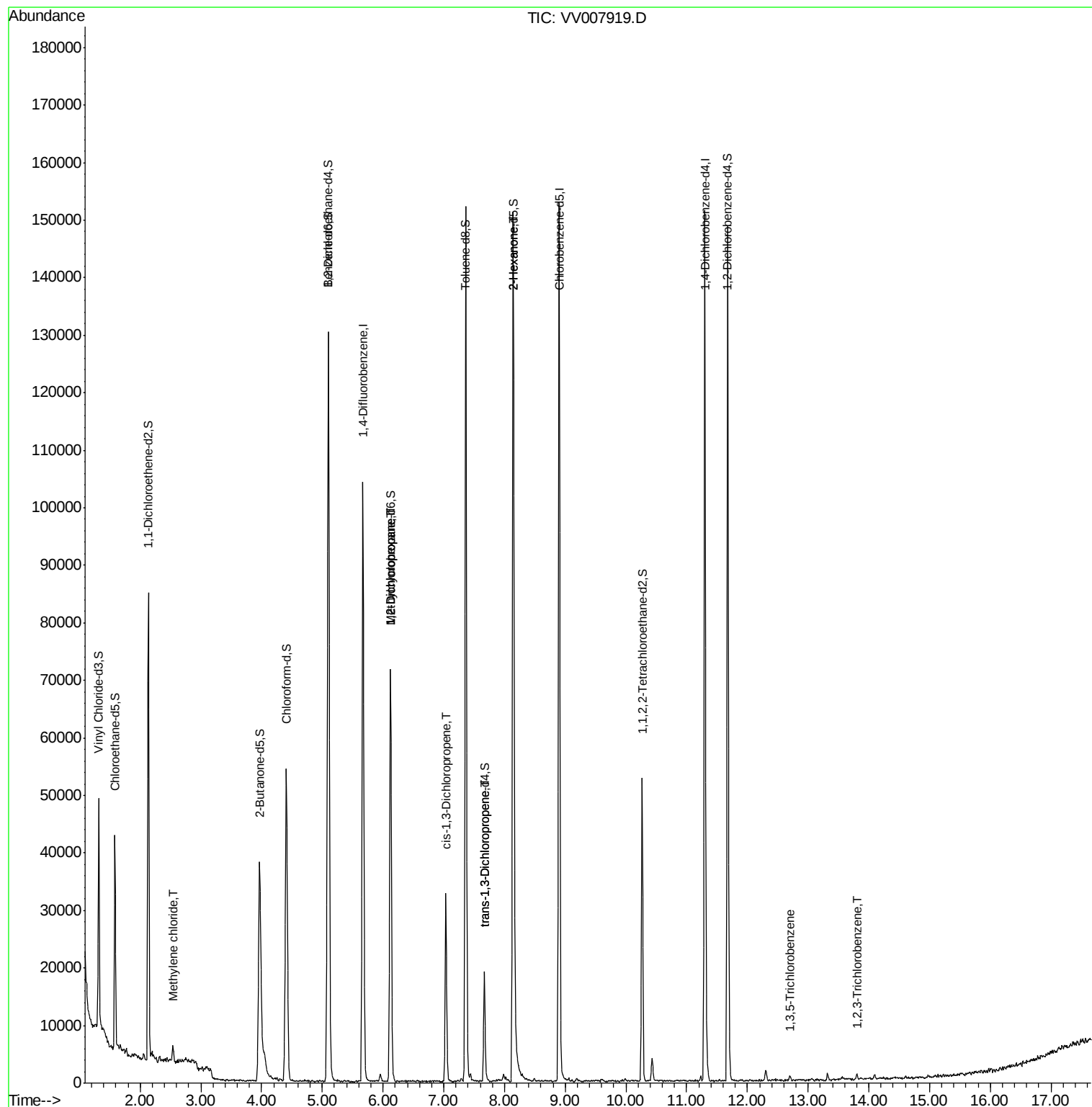
					Ovalue
16) Methylene chloride	2.54	84	1087	0.166 ug/L	91
35) Methylcyclohexane	6.12	83	8125	0.799 ug/L #	19
37) 1,2-Dichloropropane	6.13	63	3925	0.648 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	789	0.097 ug/L	84
44) trans-1,3-Dichloropropene	7.67	75	616	0.092 ug/L #	43
48) 2-Hexanone	8.14	43	7191	2.721 ug/L #	79
67) 1,3,5-Trichlorobenzene	12.70	180	587	0.050 ug/L #	85
70) 1,2,3-Trichlorobenzene	13.80	180	576	0.064 ug/L #	89

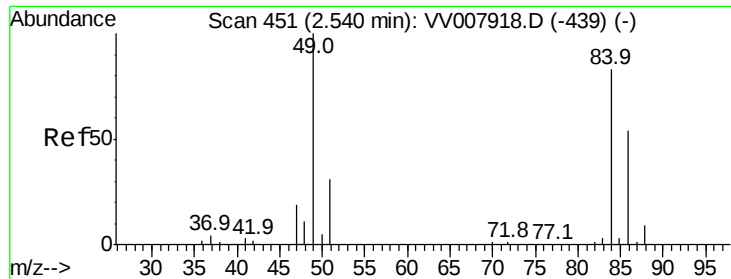
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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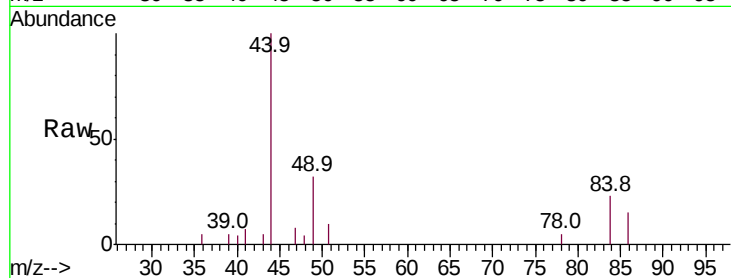




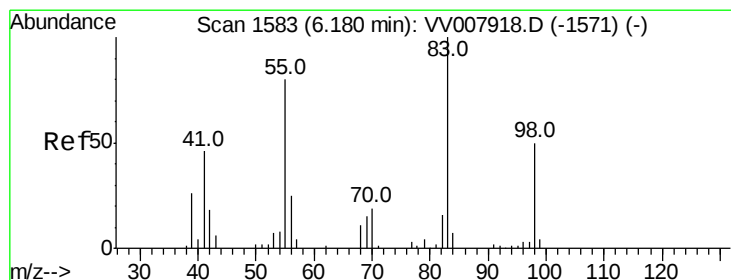
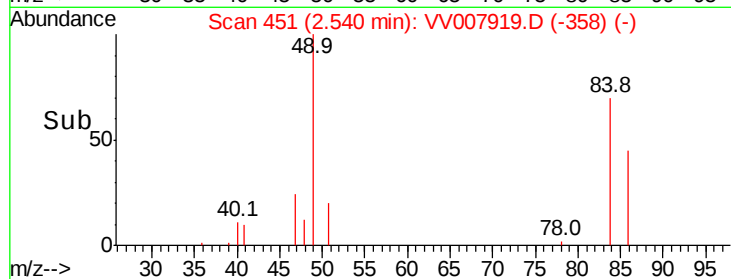
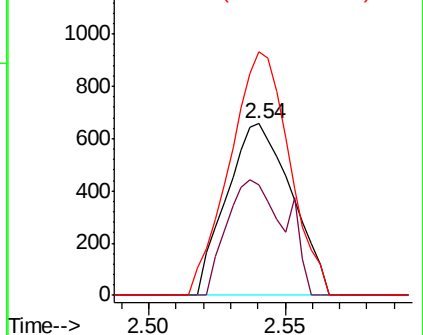
#16
Methvlene chloride
Concen: 0.166 ug/L
RT: 2.54 min Scan# 451
Delta R.T. -0.00 min
Lab File: VV007919.D
Acq: 27 Sep 2018 20:45

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 1087
Ion Ratio Lower Upper
84 100
86 64.5 47.3 87.8
49 141.9 90.0 167.2

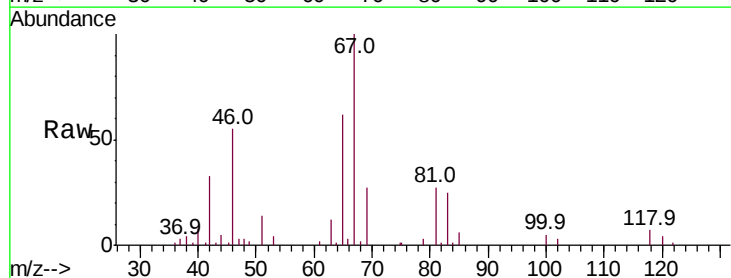


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

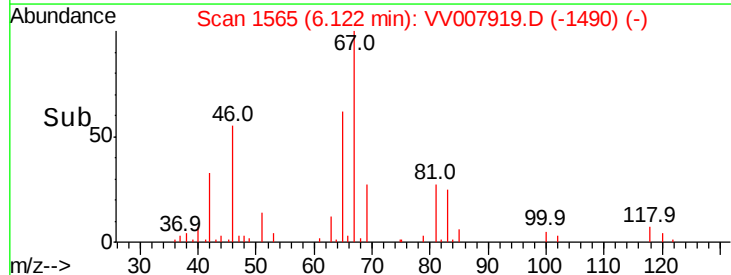
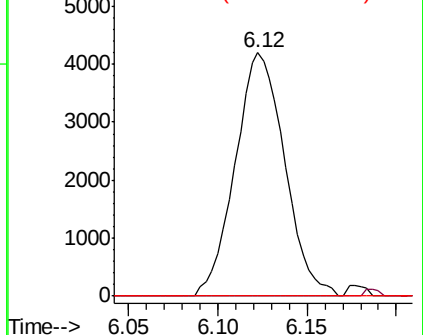


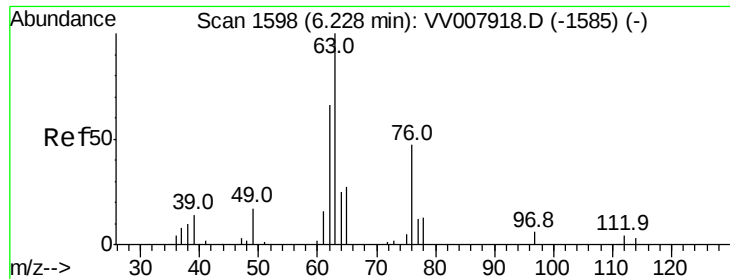
#35
Methylcyclohexane
Concen: 0.799 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV007919.D
Acq: 27 Sep 2018 20:45

Tgt Ion: 83 Resp: 8125
Ion Ratio Lower Upper
83 100
55 0.8 62.2 93.2#
98 0.7 38.0 57.0#



Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

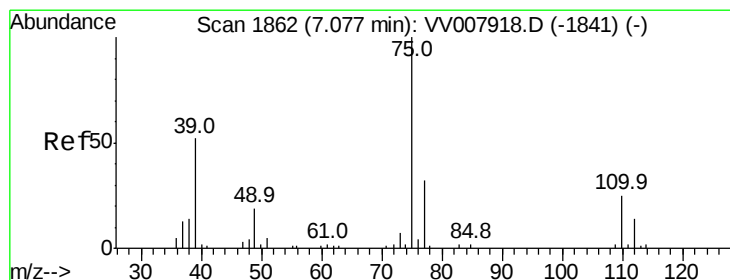
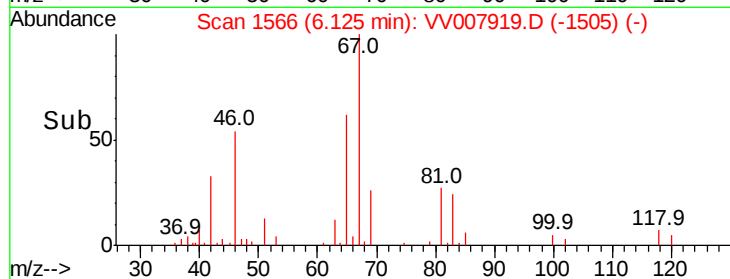
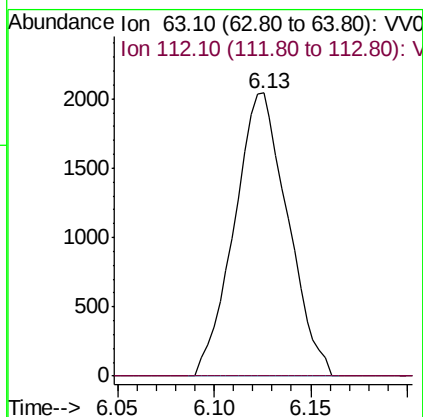
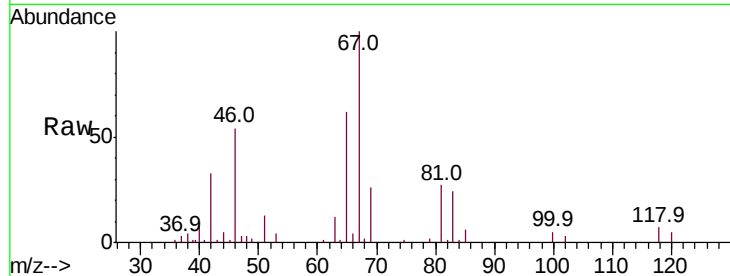




#37
 1,2-Dichloropropane
 Concen: 0.648 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV007919.D
 Acq: 27 Sep 2018 20:45

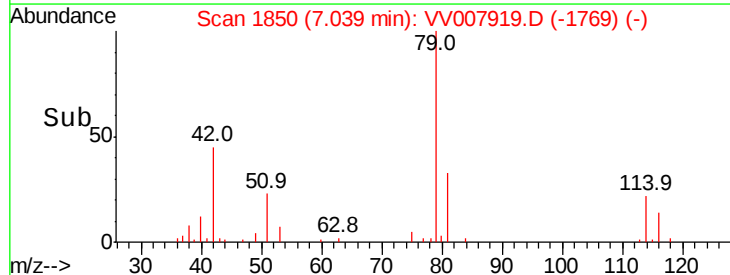
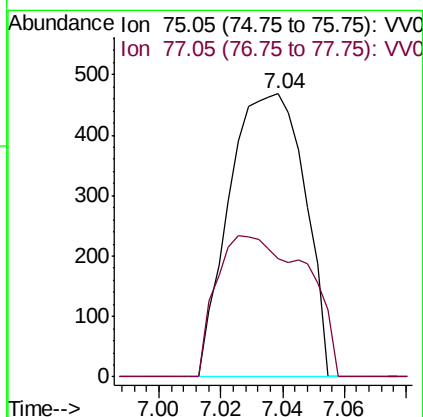
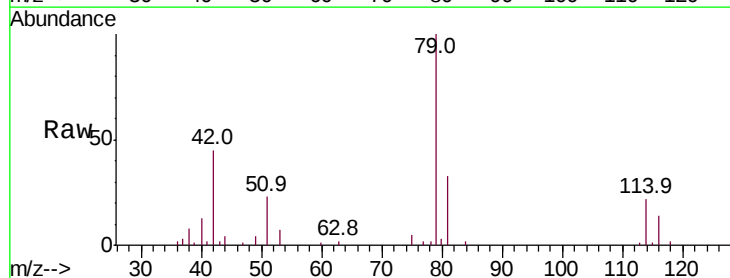
Instrument :
 MSVOA_V
 ClientSampleId :

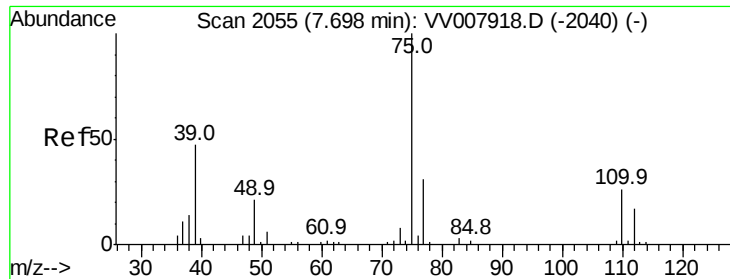
Tot Ion: 63 Resp: 3925
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.04 min
 Lab File: VV007919.D
 Acq: 27 Sep 2018 20:45

Tgt Ion: 75 Resp: 789
 Ion Ratio Lower Upper
 75 100
 77 41.7 22.9 42.5





#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.03 min

Lab File: VV007919.D

Acq: 27 Sep 2018 20:45

Instrument :

MSVOA_V

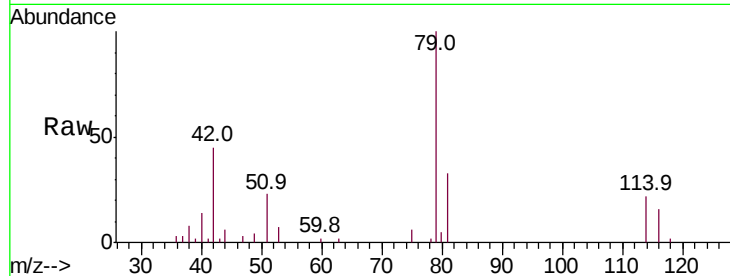
ClientSampleId :

Tot Ion: 75 Resp: 616

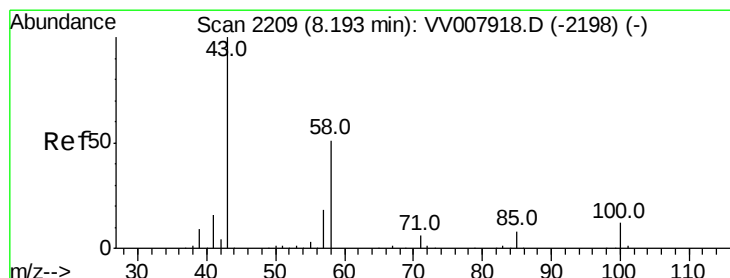
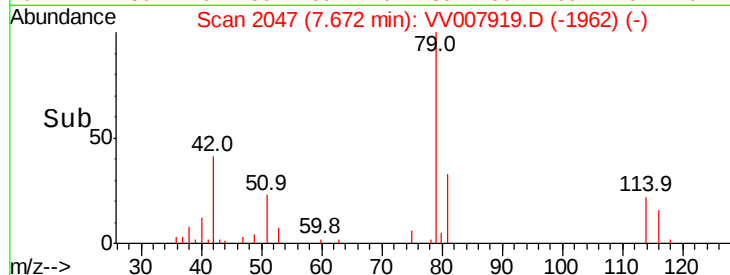
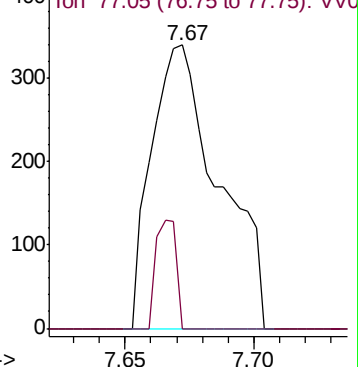
Ion Ratio Lower Upper

75 100

77 0.0 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VV007918.D (-2040) (-)



#48

2-Hexanone

Concen: 2.721 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.05 min

Lab File: VV007919.D

Acq: 27 Sep 2018 20:45

Tgt Ion: 43 Resp: 7191

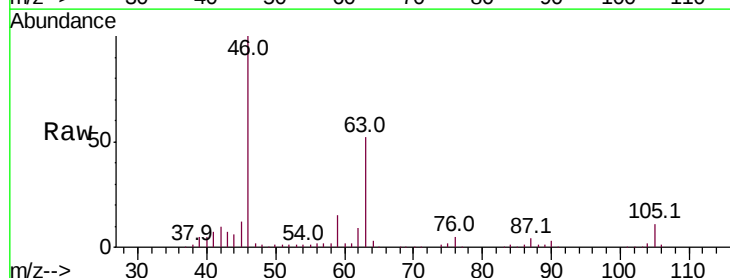
Ion Ratio Lower Upper

43 100

58 40.9 41.9 62.9#

57 29.9 14.3 21.5#

100 0.0 9.2 13.8#

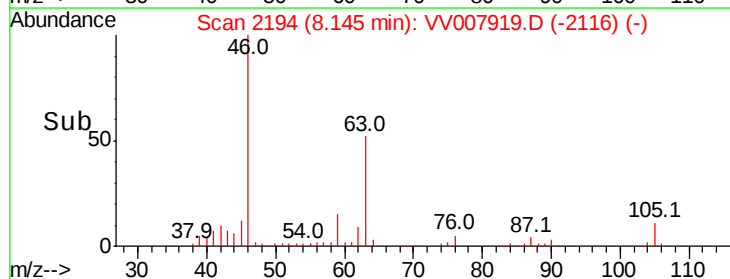
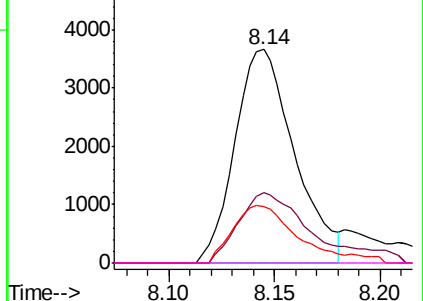


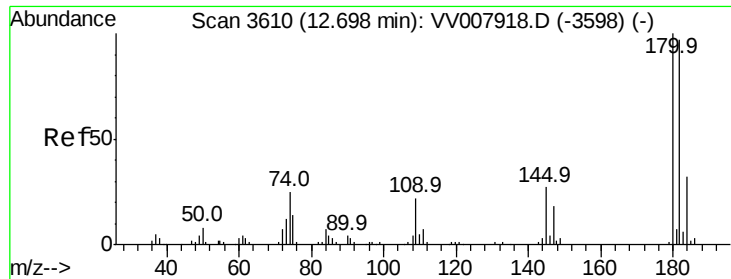
Abundance Ion 43.05 (42.75 to 43.75): VV007918.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VV007919.D (-2196) (-)

Ion 57.20 (56.90 to 57.90): VV007919.D (-2196) (-)

Ion 100.15 (99.85 to 100.85): VV007919.D (-2196) (-)

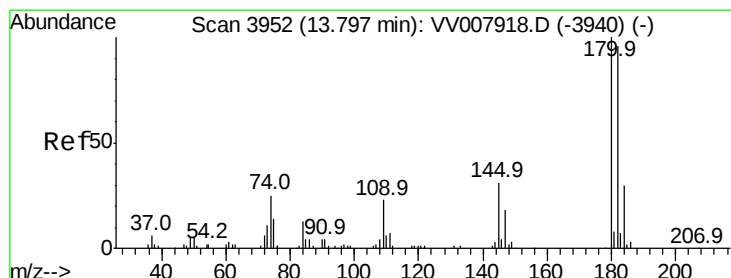
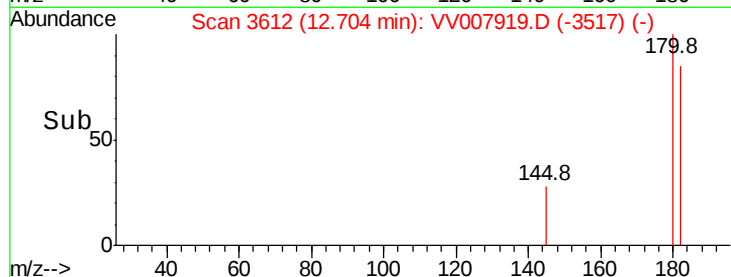
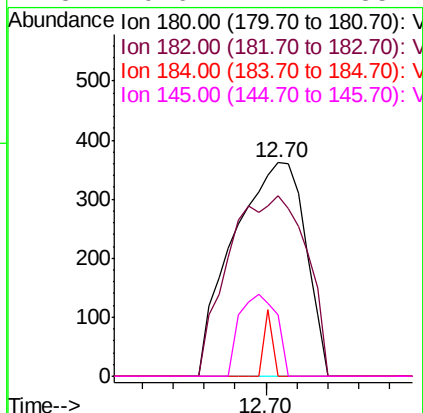
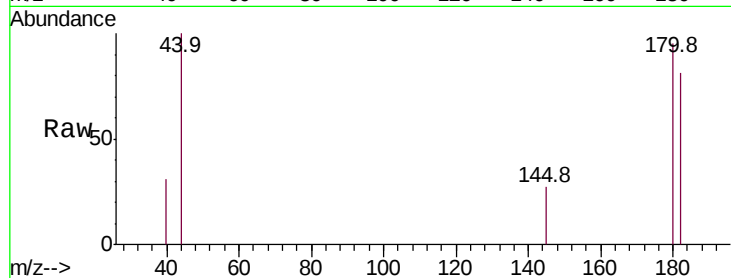




#67
 1,3,5-Trichlorobenzene
 Concen: 0.050 ug/L
 RT: 12.70 min Scan# 3612
 Delta R.T. 0.01 min
 Lab File: VV007919.D
 Acq: 27 Sep 2018 20:45

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:180 Resp: 587
 Ion Ratio Lower Upper
 180 100
 182 90.8 76.2 114.4
 184 3.7 24.5 36.7#
 145 19.6 22.2 33.4#



#70
 1,2,3-Trichlorobenzene
 Concen: 0.064 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.00 min
 Lab File: VV007919.D
 Acq: 27 Sep 2018 20:45

Tgt Ion:180 Resp: 576
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.7 113.5
 145 7.3 23.4 35.0#

