

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016325.D
 Acq On : 29 May 2020 19:15
 Operator : SY/MD
 Sample : L2662-18 100X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 30 00:05:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:00:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	97468	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	91402	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	41317	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21777	3.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.60%
7) Chloroethane-d5	1.58	69	21607	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.60%
11) 1,1-Dichloroethene-d2	2.12	63	33926	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	3.95	46	82383	53.06	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.12%
24) Chloroform-d	4.38	84	53835	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.06	65	30070	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.08	84	106218	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.10	67	33064	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.34	98	95181	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
45) trans-1,3-Dichloropropene-	7.65	79	10676	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
48) 2-Hexanone-d5	8.12	63	59420	49.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.24%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23786	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	33079	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

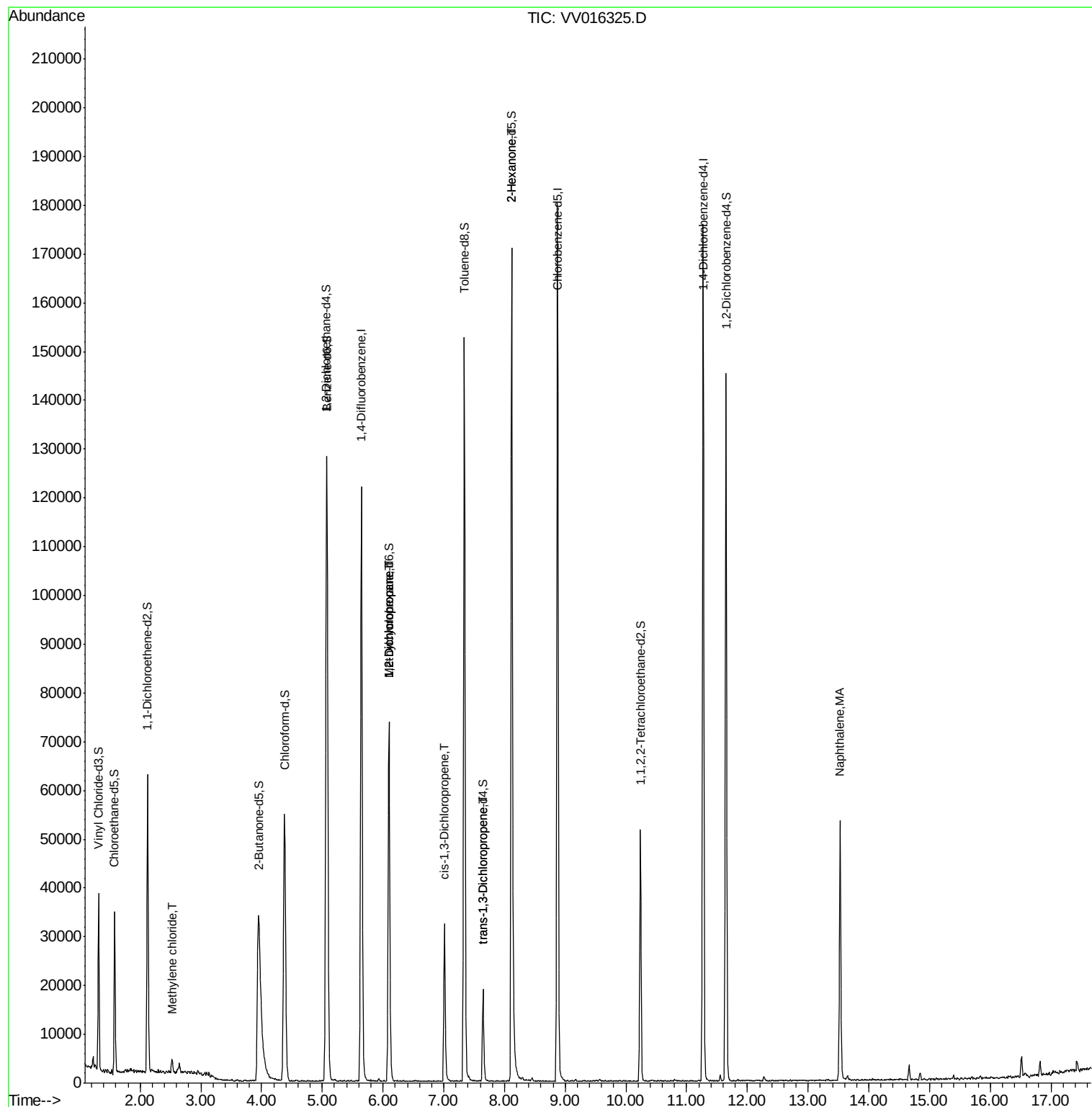
					Ovalue
16) Methylene chloride	2.52	84	941	0.143 ug/L #	79
35) Methylcyclohexane	6.10	83	7999	0.692 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3950	0.612 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	834	0.091 ug/L #	73
46) trans-1,3-Dichloropropene	7.65	75	490	0.065 ug/L	88
50) 2-Hexanone	8.12	43	7602	2.716 ug/L #	75
70) Naphthalene	13.53	128	42395	2.477 ug/L	99

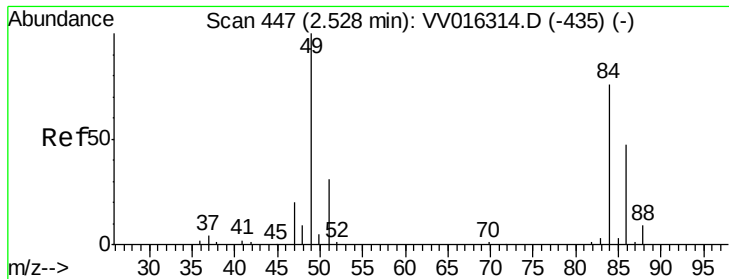
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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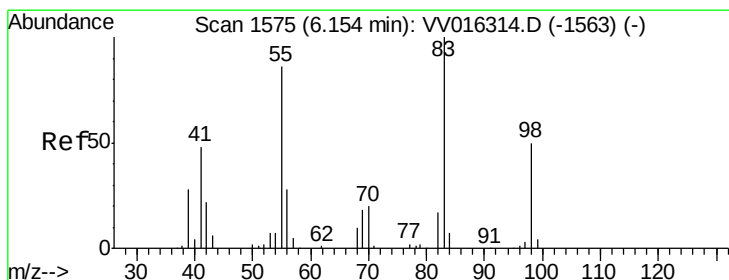
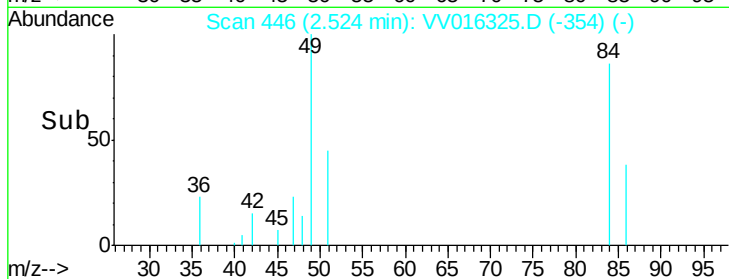
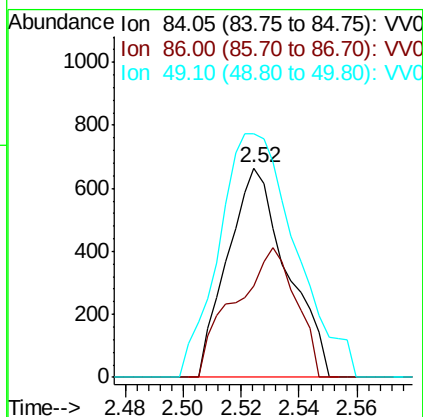
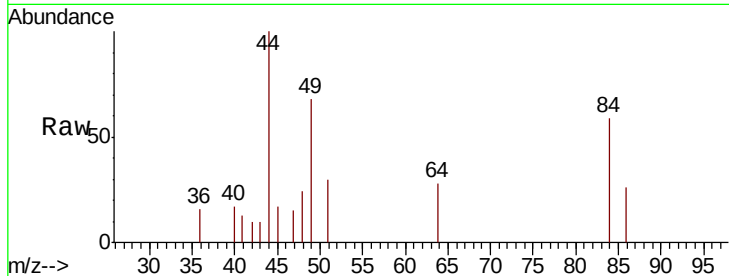




#16
Methvlene chloride
Concen: 0.143 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV016325.D
Acq: 29 May 2020 19:15

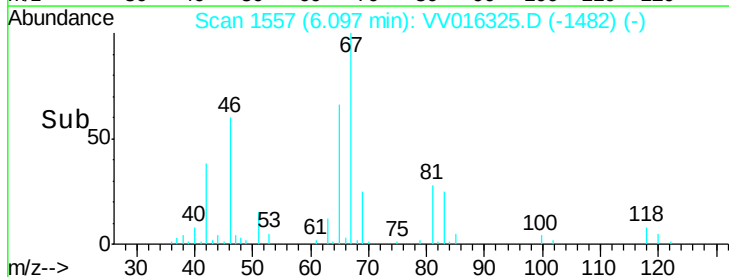
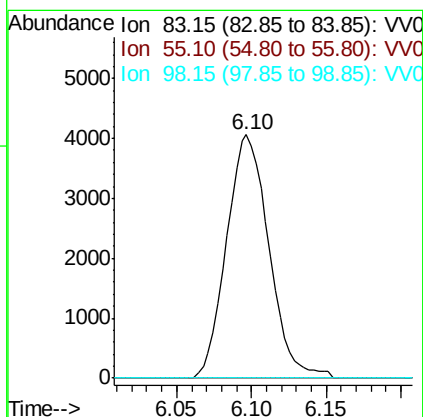
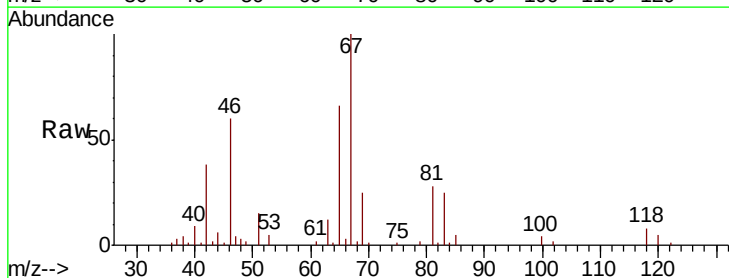
Instrument :
MSVOA_V
ClientSampleId :

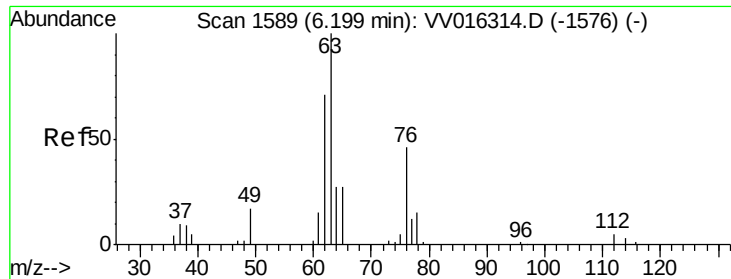
Tot Ion: 84 Resp: 941
Ion Ratio Lower Upper
84 100
86 43.6 44.9 83.5#
49 116.1 96.7 179.7



#35
Methylcyclohexane
Concen: 0.692 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016325.D
Acq: 29 May 2020 19:15

Tgt Ion: 83 Resp: 7999
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 0.0 39.3 58.9#

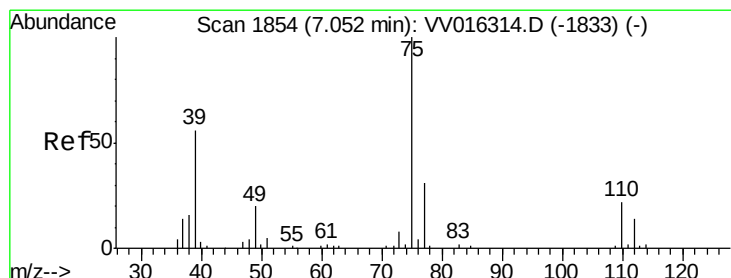
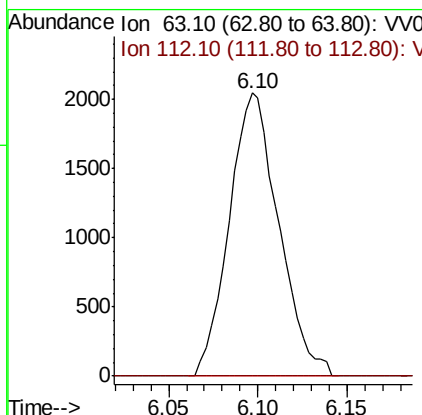
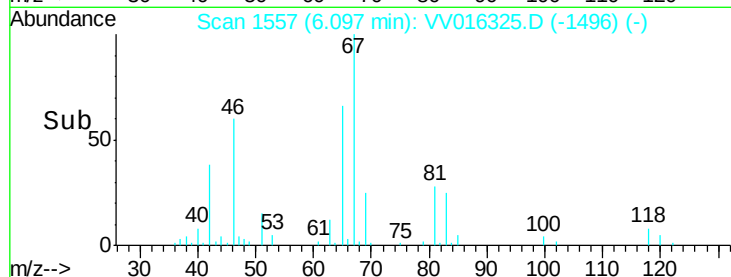
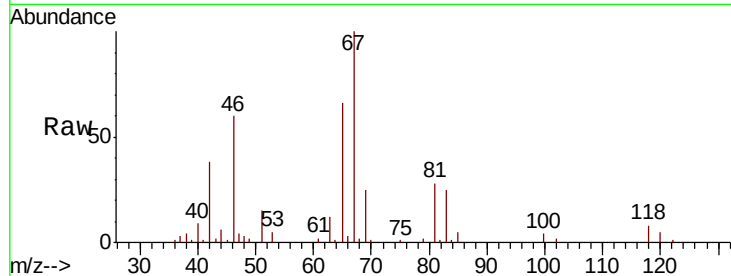




#37
 1,2-Dichloropropane
 Concen: 0.612 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016325.D
 Acq: 29 May 2020 19:15

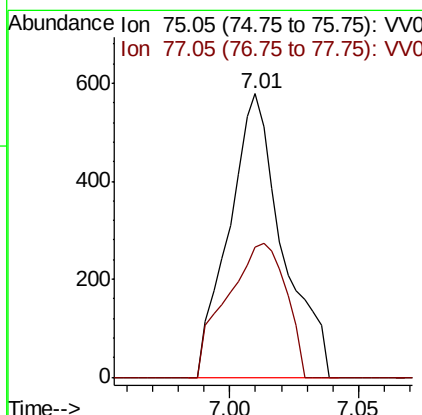
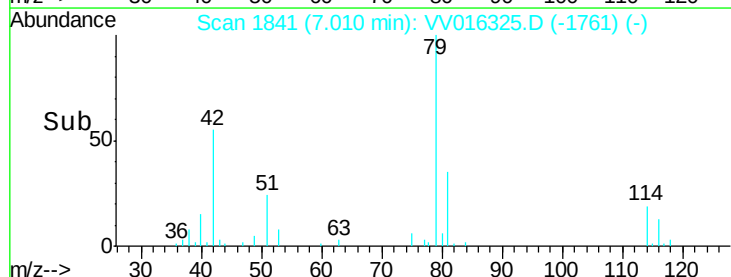
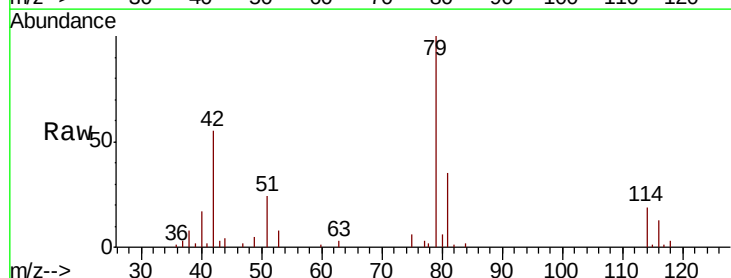
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 MSVOA_V
 ClientSampleId :

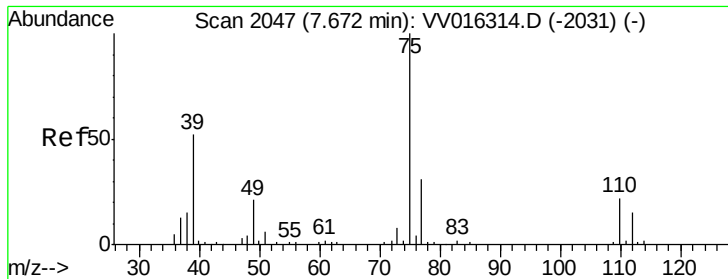
Tot Ion: 63 Resp: 3950
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016325.D
 Acq: 29 May 2020 19:15

Tgt Ion: 75 Resp: 834
 Ion Ratio Lower Upper
 75 100
 77 46.0 21.7 40.3#

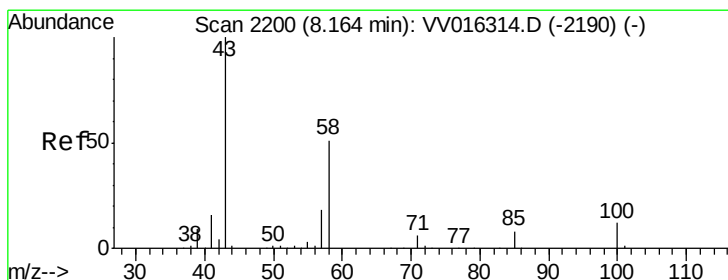
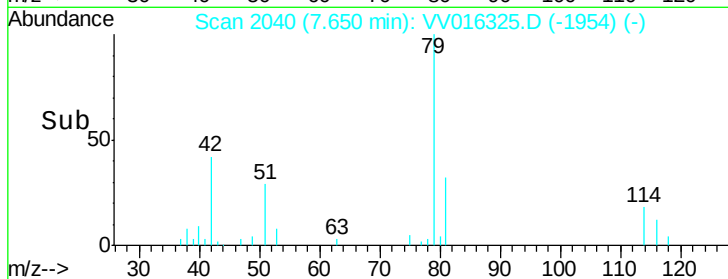
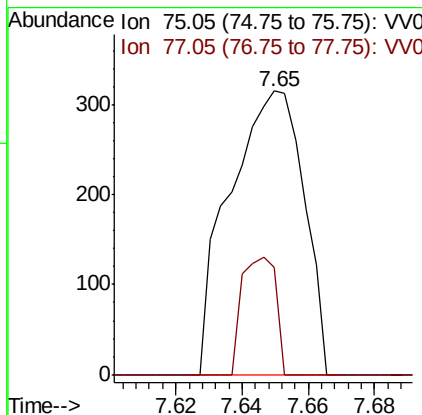
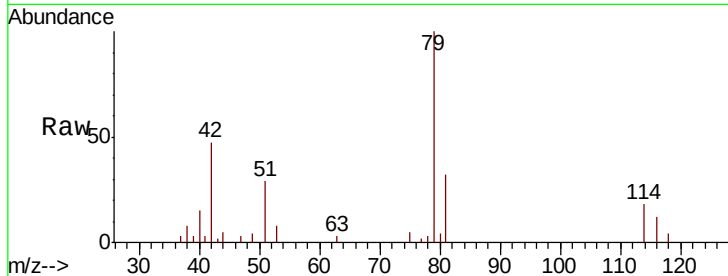




#46
trans-1,3-Dichloropropene
Concen: 0.065 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VV016325.D
Acq: 29 May 2020 19:15

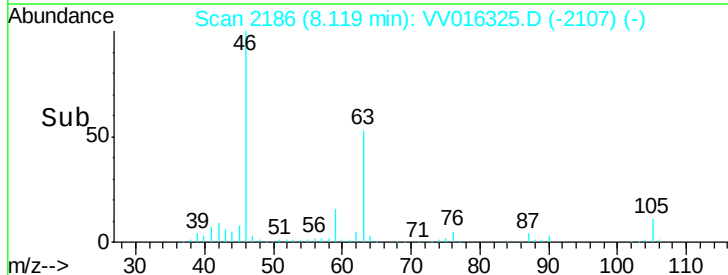
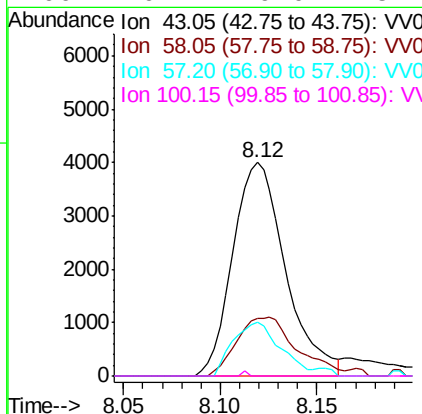
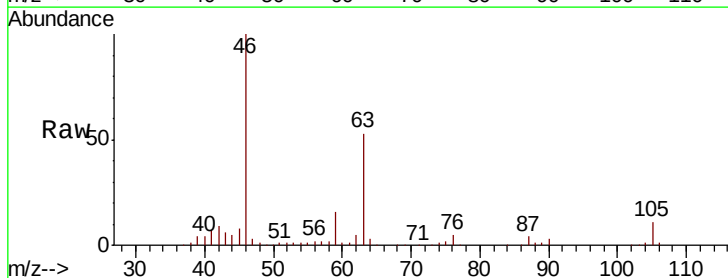
Instrument :
MSVOA_V
ClientSampleId :

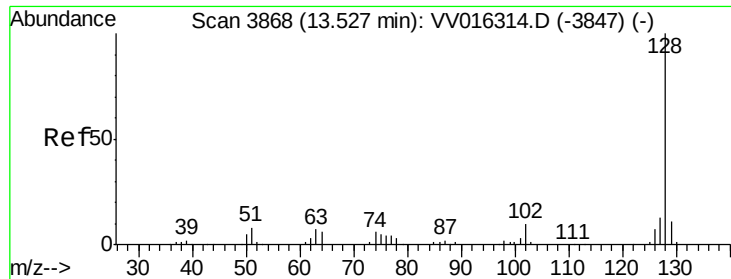
Tot Ion: 75 Resp: 490
Ion Ratio Lower Upper
75 100
77 37.8 21.7 40.3



#50
2-Hexanone
Concen: 2.716 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.04 min
Lab File: VV016325.D
Acq: 29 May 2020 19:15

Tgt Ion: 43 Resp: 7602
Ion Ratio Lower Upper
43 100
58 31.1 41.4 62.0#
57 22.7 15.0 22.4#
100 0.2 9.0 13.4#





#70

Naphthalene

Concen: 2.477 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

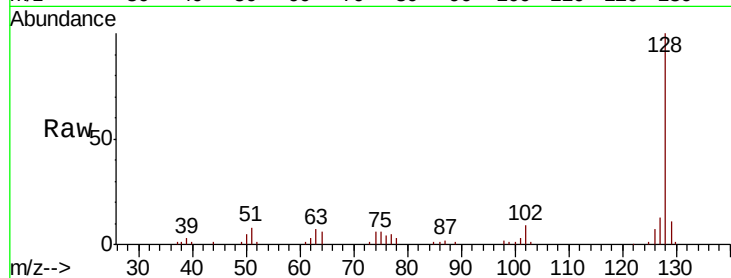
Lab File: VV016325.D

Acq: 29 May 2020 19:15

Instrument :

MSVOA_V

ClientSampleId :



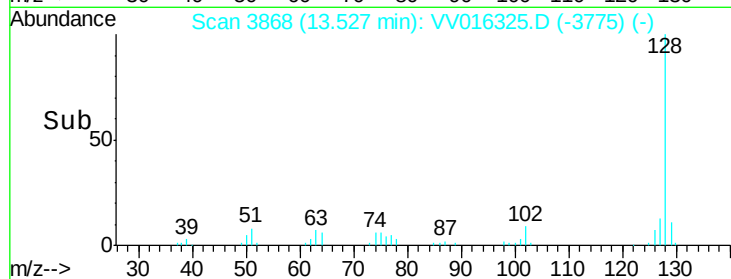
Tot Ion:128 Resp: 42395

Ion Ratio Lower Upper

128 100

129 10.2 8.6 13.0

127 12.8 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

