

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016350.D
 Acq On : 30 May 2020 07:41
 Operator : SY/MD
 Sample : L2754-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 00:54:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 00:52:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	79416	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	73496	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	26055	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24017	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.58	69	18742	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.12	63	35027	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	3.98	46	50483	39.90	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.80%
24) Chloroform-d	4.38	84	47421	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.06	65	26793	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.07	84	91964	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.10	67	28775	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.34	98	80364	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
45) trans-1,3-Dichloropropene-	7.65	79	8749	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
48) 2-Hexanone-d5	8.12	63	45769	47.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.06%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	16422	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	21023	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

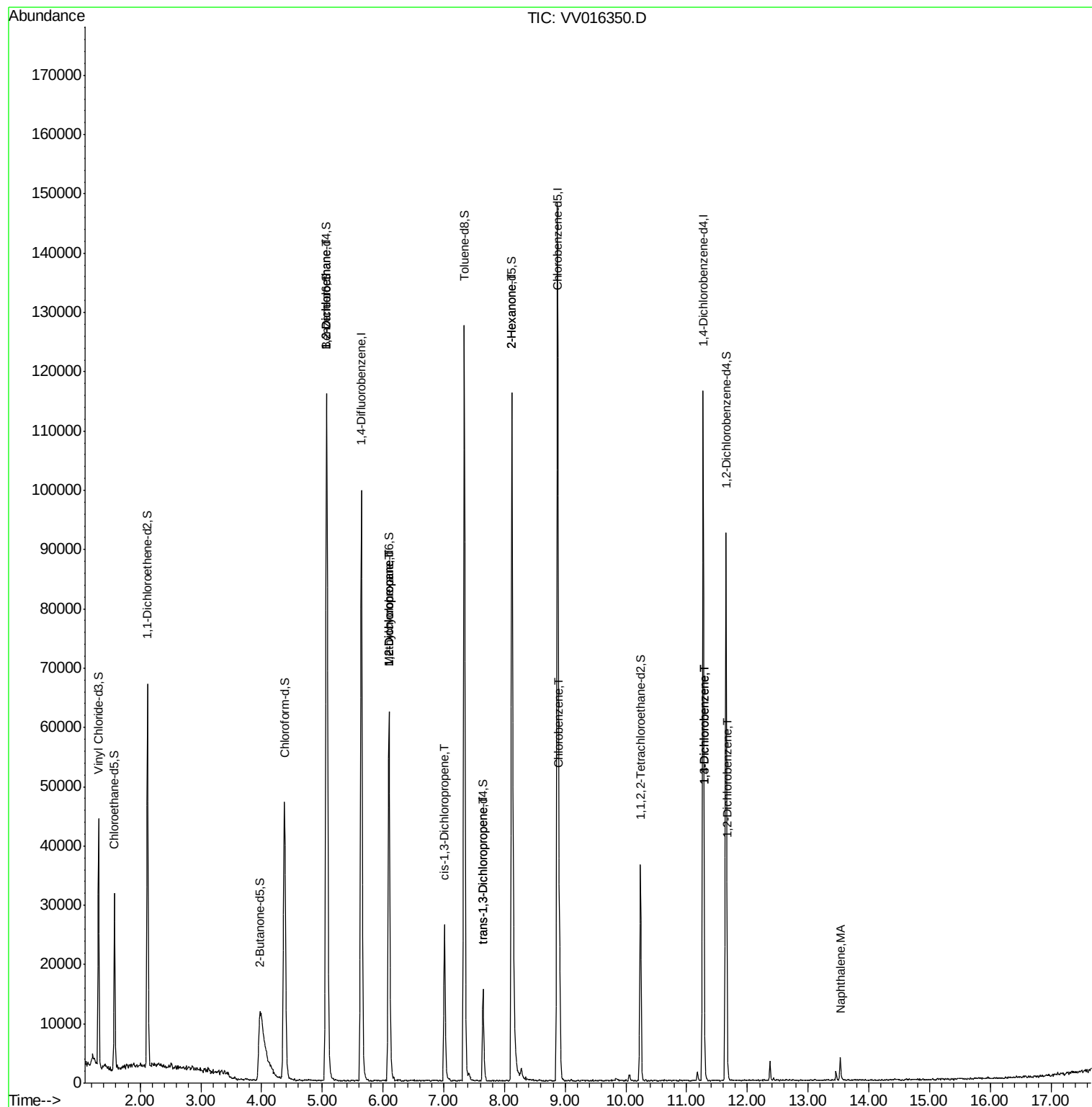
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
27) 1,2-Dichloroethane	5.08	62	594	0.088	ug/L #	79
35) Methylcyclohexane	6.10	83	6574	0.707	ug/L #	17
37) 1,2-Dichloropropane	6.10	63	3509	0.676	ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	762	0.104	ug/L #	81
46) trans-1,3-Dichloropropene	7.65	75	451	0.074	ug/L #	44
50) 2-Hexanone	8.12	43	6797	3.020	ug/L #	69
53) Chlorobenzene	8.90	112	11924	0.837	ug/L	96
63) 1,3-Dichlorobenzene	11.30	146	931	0.117	ug/L	93
64) 1,4-Dichlorobenzene	11.30	146	931	0.115	ug/L	89
66) 1,2-Dichlorobenzene	11.67	146	632	0.088	ug/L #	84
70) Naphthalene	13.53	128	3109	0.288	ug/L	94

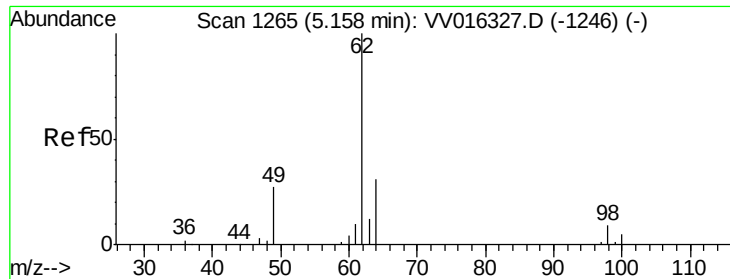
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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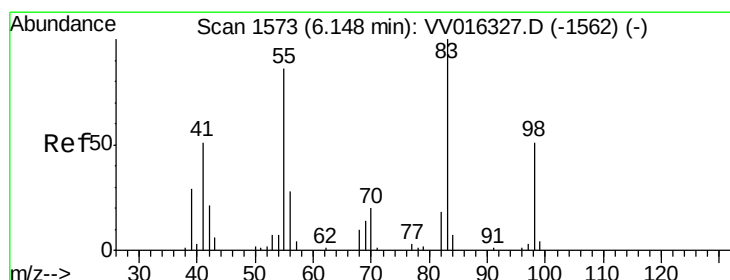
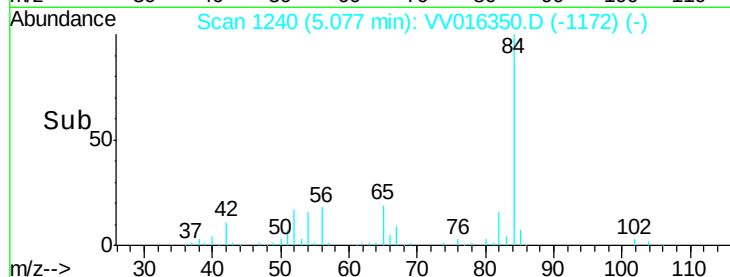
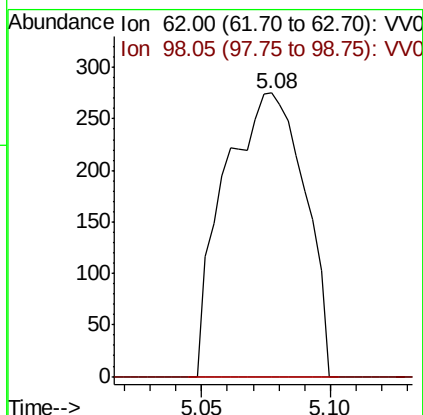
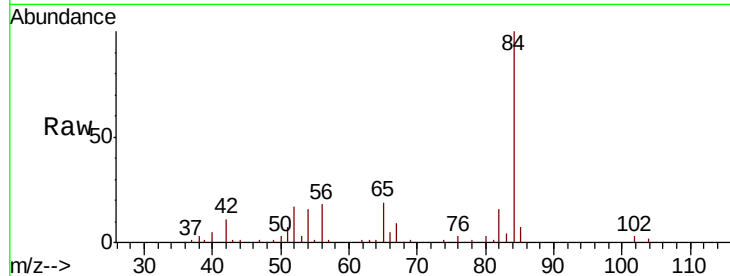




#27
 1,2-Dichloroethane
 Concen: 0.088 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV016350.D
 Acq: 30 May 2020 07:41

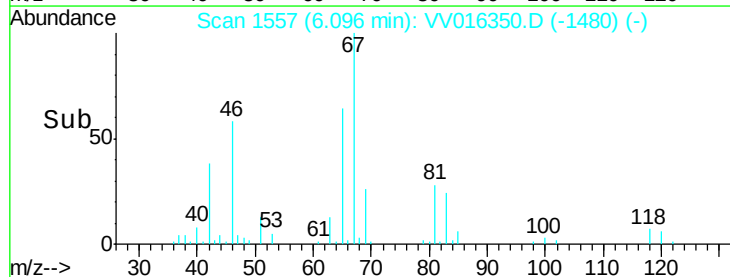
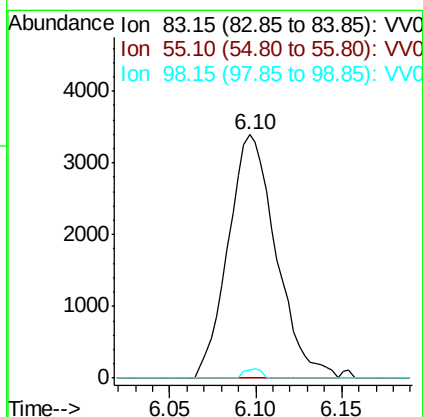
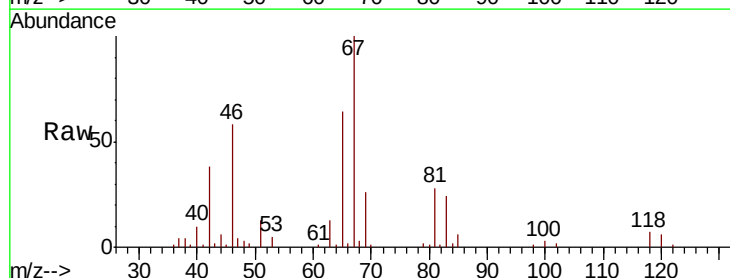
Instrument :
 MSVOA_V
 ClientSampleId :

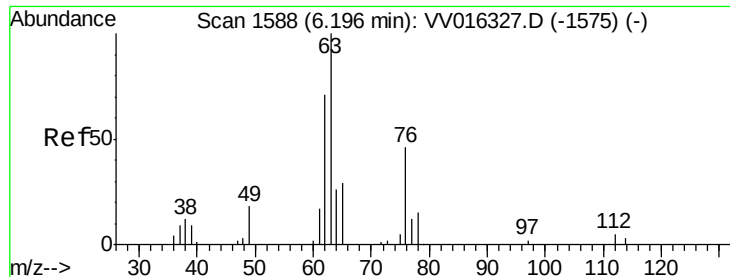
Tot Ion: 62 Resp: 594
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#35
 Methylcyclohexane
 Concen: 0.707 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV016350.D
 Acq: 30 May 2020 07:41

Tgt Ion: 83 Resp: 6574
 Ion Ratio Lower Upper
 83 100
 55 0.0 65.4 98.0#
 98 1.3 39.3 58.9#

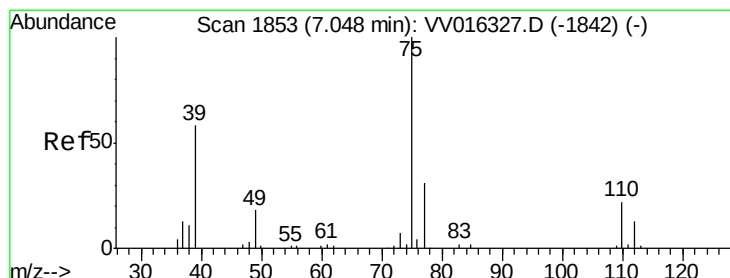
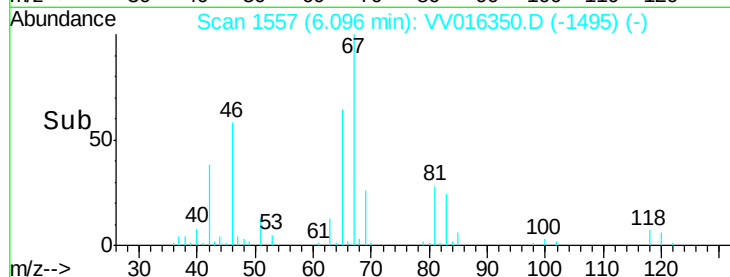
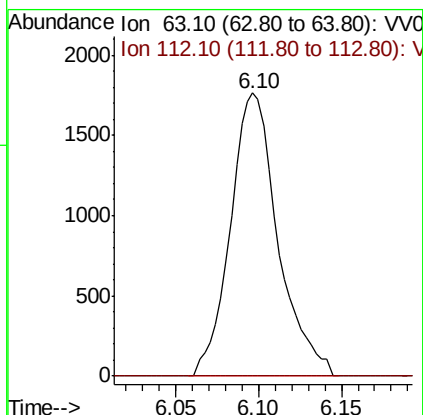
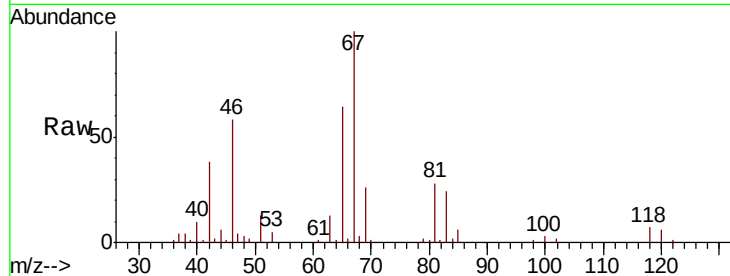




#37
 1,2-Dichloropropane
 Concen: 0.676 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016350.D
 Acq: 30 May 2020 07:41

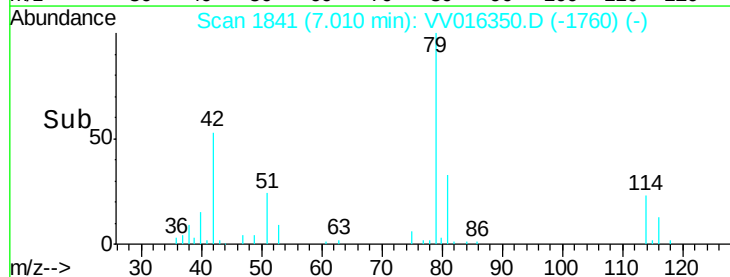
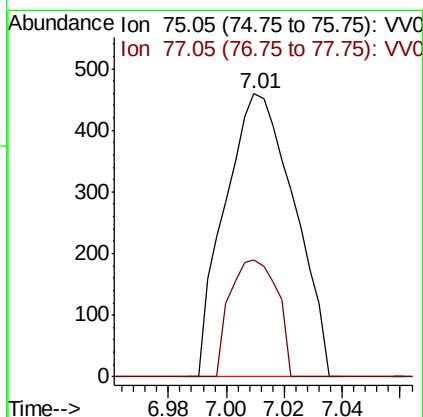
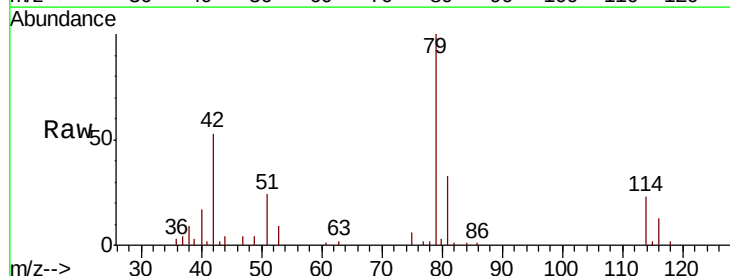
Instrument :
 MSVOA_V
 ClientSampleId :

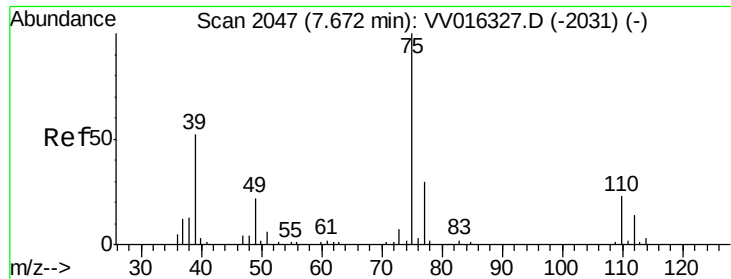
Tot Ion: 63 Resp: 3509
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016350.D
 Acq: 30 May 2020 07:41

Tgt Ion: 75 Resp: 762
 Ion Ratio Lower Upper
 75 100
 77 41.4 21.7 40.3#

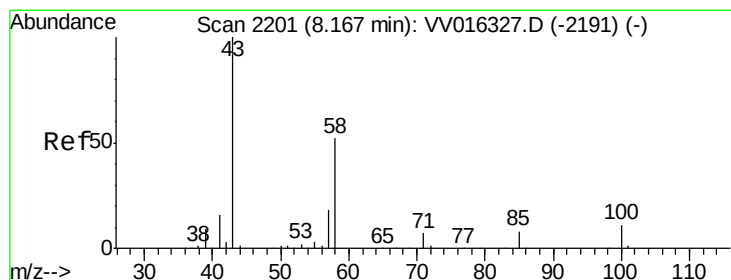
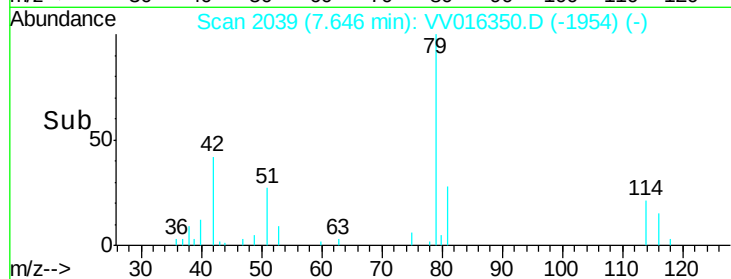
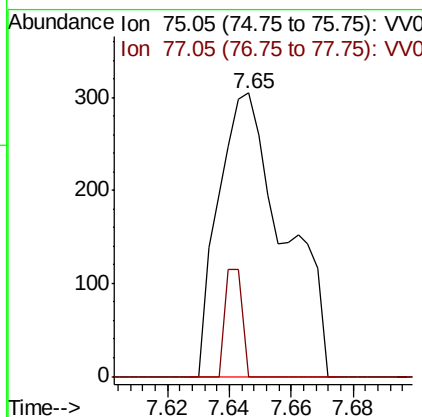
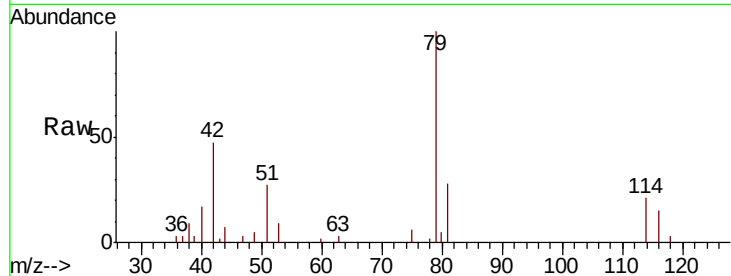




#46
trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016350.D
Acq: 30 May 2020 07:41

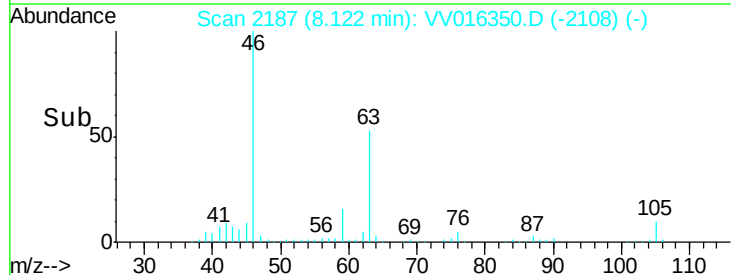
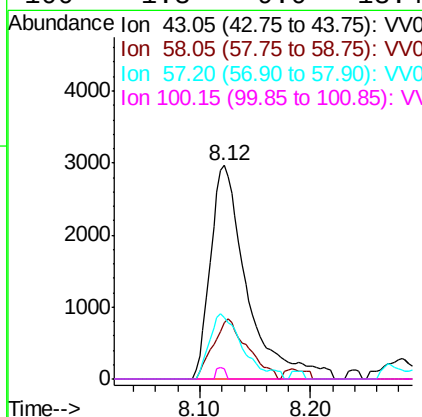
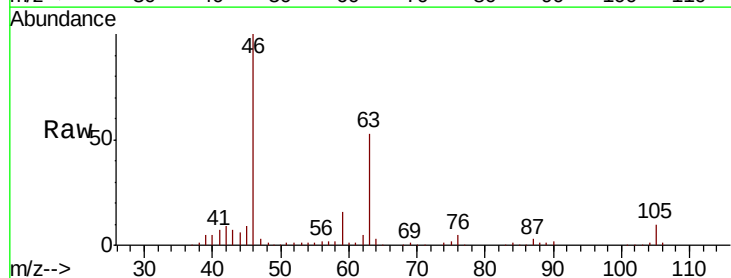
Instrument :
MSVOA_V
ClientSampleId :

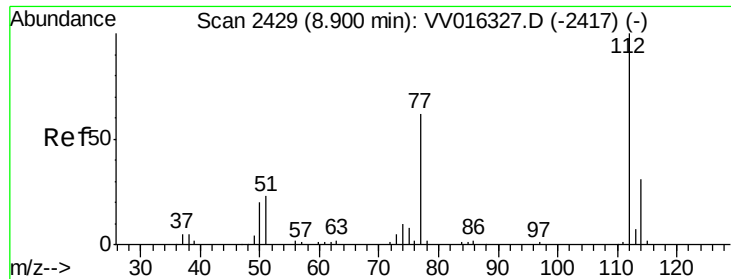
Tot Ion: 75 Resp: 451
Ion Ratio Lower Upper
75 100
77 0.0 21.7 40.3#



#50
2-Hexanone
Concen: 3.020 ug/L
RT: 8.12 min Scan# 2187
Delta R.T. -0.05 min
Lab File: VV016350.D
Acq: 30 May 2020 07:41

Tgt Ion: 43 Resp: 6797
Ion Ratio Lower Upper
43 100
58 26.1 41.4 62.0#
57 26.5 15.0 22.4#
100 1.3 9.0 13.4#

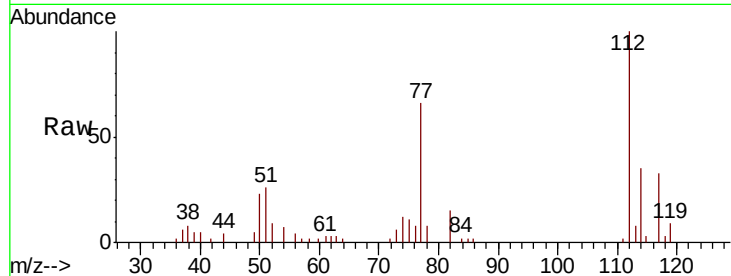




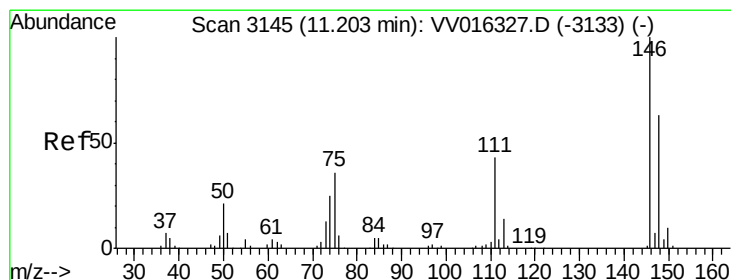
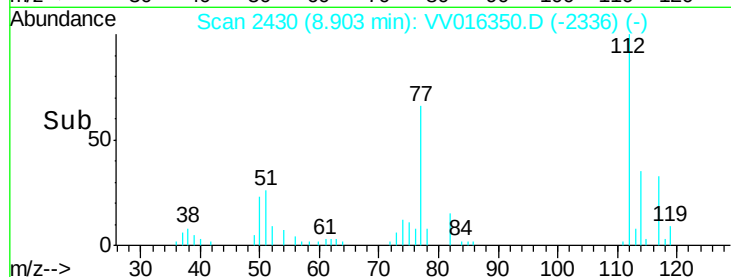
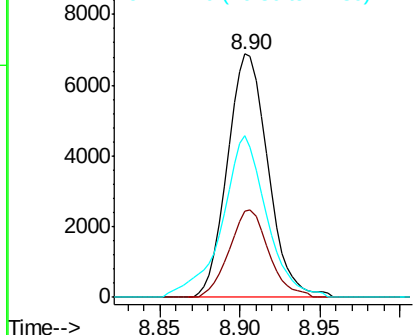
#53
Chlorobenzene
Concen: 0.837 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV016350.D
Acq: 30 May 2020 07:41

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:112 Resp: 11924
Ion Ratio Lower Upper
112 100
114 35.4 22.3 41.3
77 66.2 50.7 76.1

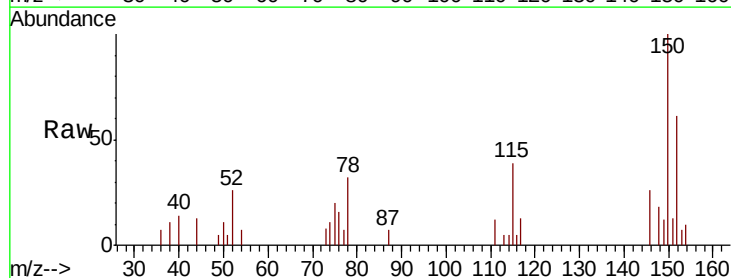


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

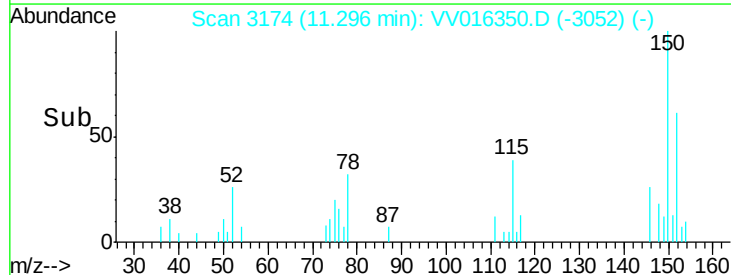
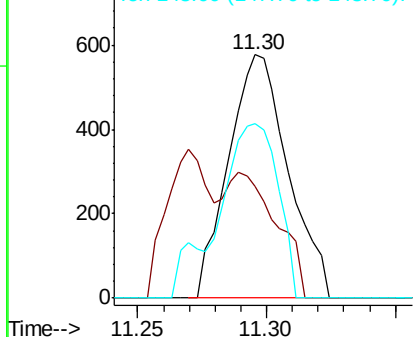


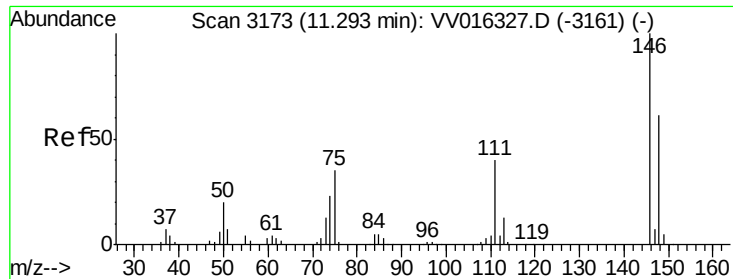
#63
1,3-Dichlorobenzene
Concen: 0.117 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.09 min
Lab File: VV016350.D
Acq: 30 May 2020 07:41

Tgt Ion:146 Resp: 931
Ion Ratio Lower Upper
146 100
111 46.1 29.7 55.1
148 71.6 45.9 85.3



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

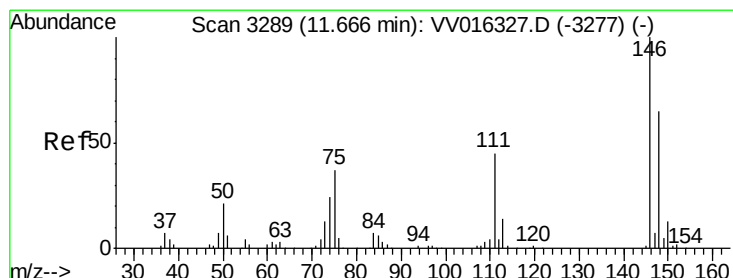
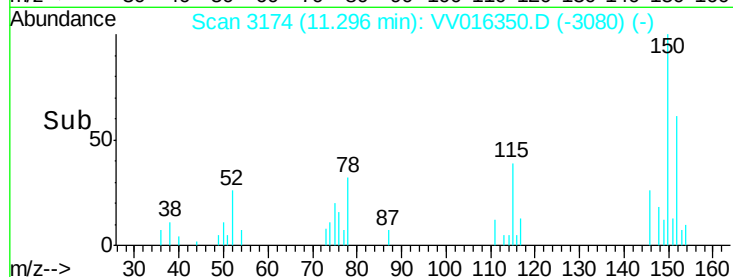
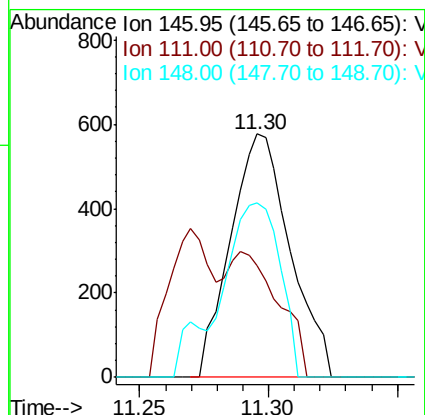
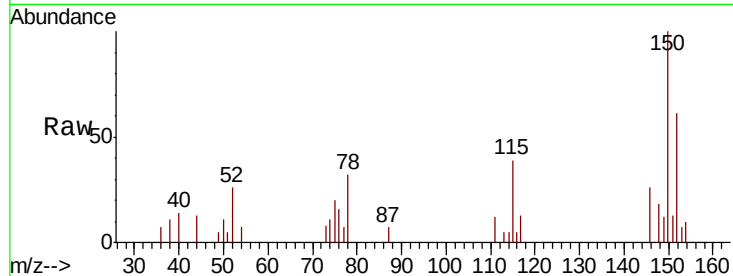




#64
 1,4-Dichlorobenzene
 Concen: 0.115 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV016350.D
 Acq: 30 May 2020 07:41

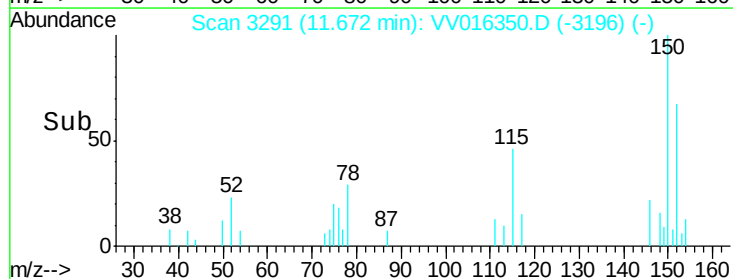
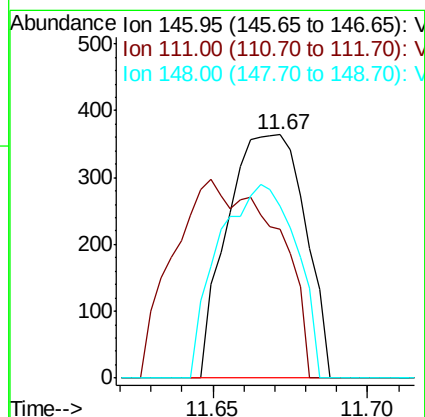
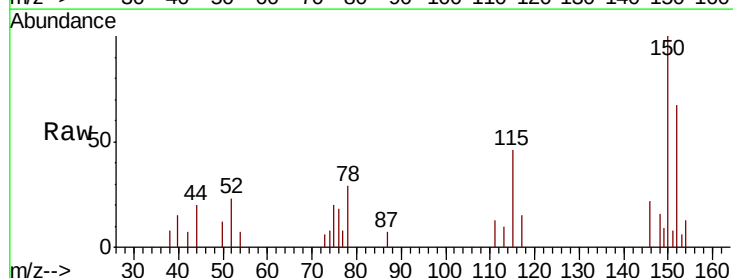
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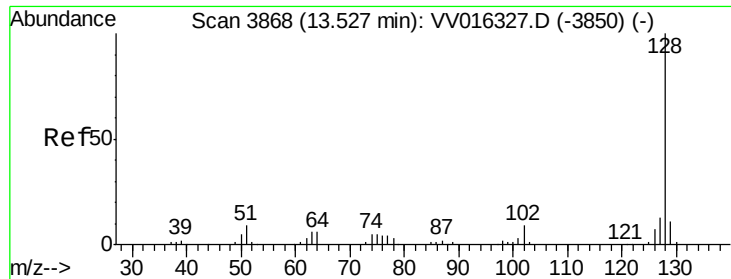
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 Ion Ratio Lower Upper
 146 100
 111 46.1 28.3 52.7
 148 71.6 43.3 80.3



#66
 1,2-Dichlorobenzene
 Concen: 0.088 ug/L
 RT: 11.67 min Scan# 3291
 Delta R.T. 0.01 min
 Lab File: VV016350.D
 Acq: 30 May 2020 07:41

Tgt Ion:146 Resp: 632
 Ion Ratio Lower Upper
 146 100
 111 61.3 35.7 53.5#
 148 70.9 51.3 76.9





#70

Naphthalene

Concen: 0.288 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016350.D

Acq: 30 May 2020 07:41

Instrument :

MSVOA_V

ClientSampleId :

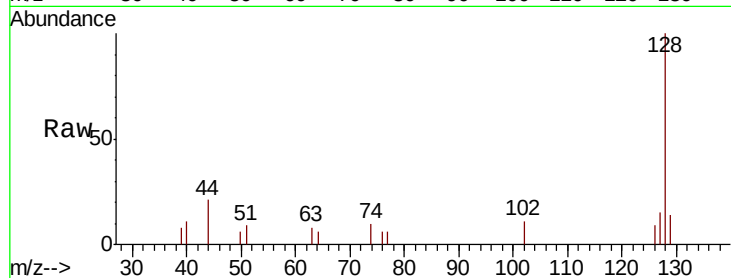
Tot Ion:128 Resp: 3109

Ion Ratio Lower Upper

128 100

129 12.7 8.6 13.0

127 10.8 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

